

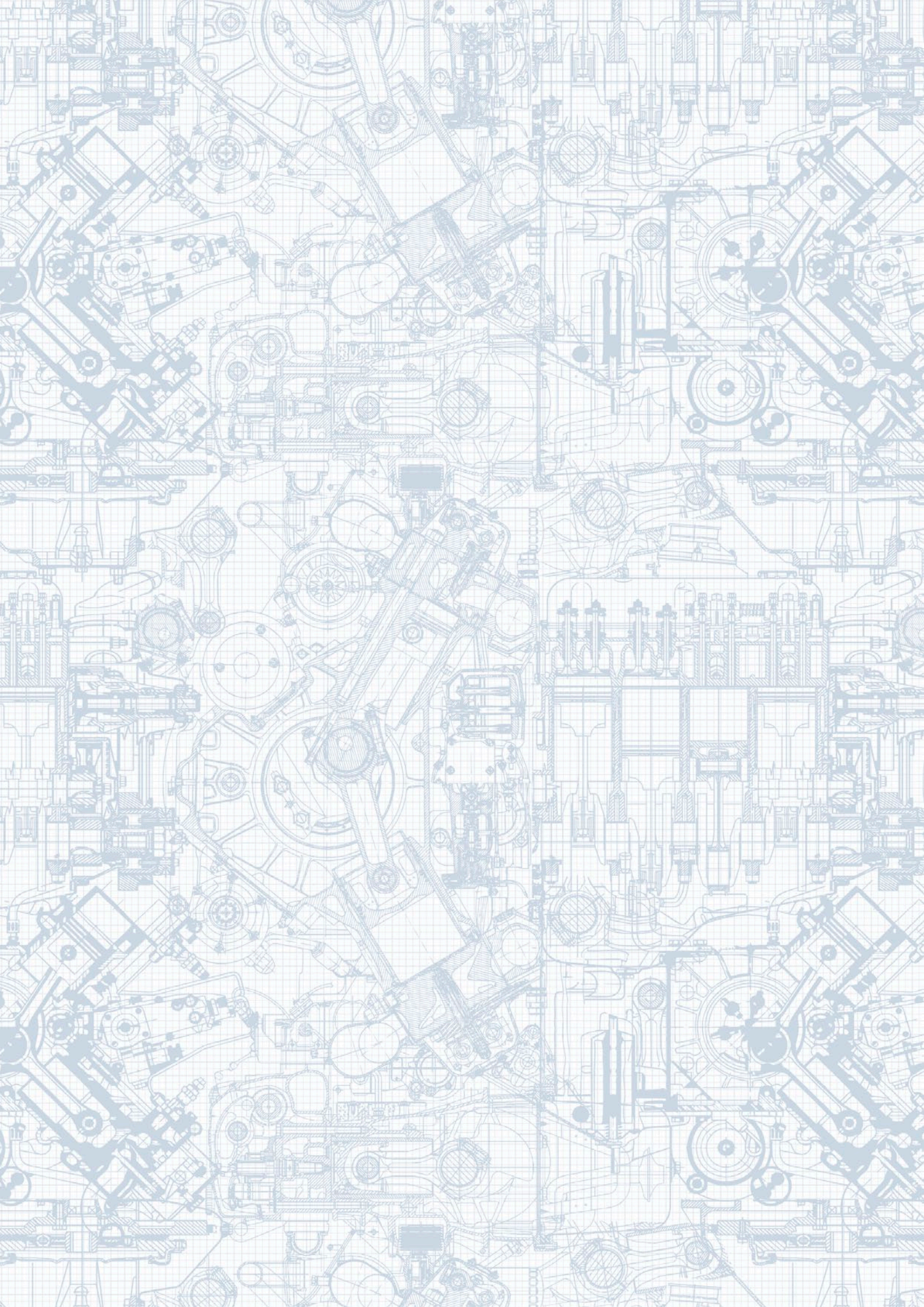
**MAGNETI  
MARELLI**

PARTS & SERVICES



**Workshop equipment  
catalogue**







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# Workshop equipment catalogue

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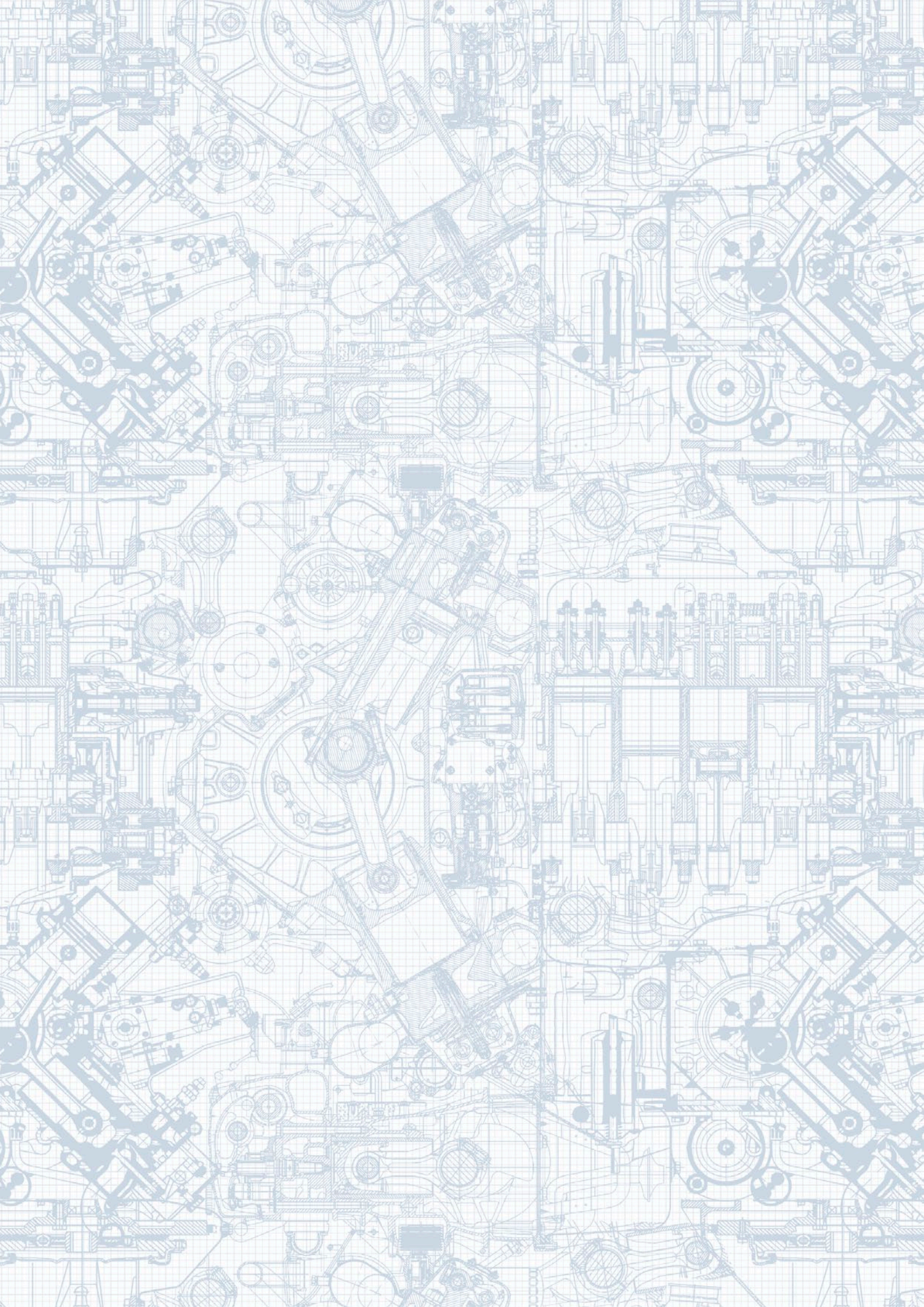
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Download our app for Android or iOS, visit:  
**<http://wyposazeniemm.pl>**  
and check out our offer of workshop equipment









**MAGNETI  
MARELLI**

PARTS & SERVICES

## DIAGNOSTICS





# VisualPlus



## Visual Plus 007937000000

Tablet with an excellent display, high-resolution graphics and advanced interface.

**Protection** is provided by rugged construction and Gorilla Glass on the display.

**Multiple connectors** allow simultaneous optimal connection to Data Plus and, independently, to the repair shop's Wi-Fi signal.

The diagnostic report can be **stored and sent by e-mail**.

**The Visual Plus open operating system** provides the ability to install other applications.

### INCLUDED

- ▶ Visual Plus 13.3" Tablet
- ▶ AC adapter 220-240 V
- ▶ Power cable for the lighter socket
- ▶ Power cable with battery terminals
- ▶ USB / USB type C cable
- ▶ Micro HDMI cable

### TECHNICAL DATA

- ▶ Operating system: Android 11 Open
- ▶ Eight-core 2.0 GHz processor
- ▶ 13.3" 1920 x 1080 px display
- ▶ Gorilla Glass protection
- ▶ 8 GB RAM
- ▶ 256 GB HD storage
- ▶ 13 MP rear camera
- ▶ Dual-band Wi-Fi 2.4 GHz and 5 GHz
- ▶ Wi-Fi, Bluetooth and USB diagn connection
- ▶ 71.1 Wh battery (7.6V, 9360 mAh)
- ▶ Dimensions 353 mm x 236 mm x 71 mm

## Marelli diagnostic series

Visual Plus i Data Plus



Data Plus



Data Box



Div.0



### DIAGNOSTICS

Multiple makes ➤

Remote ➤

Pass-Thru ➤

		(1)	X	(3)	
				X	X
				X	

(2)



# Data<sup>Plus</sup>



007937000005

## Data Plus

Data Plus is a VCI device that operates in 3 different modes:

1. Multi-make diagnostics, combined Wi-Fi with Visual Plus
2. Pass-Thru diagnosis with Data Plus connected to a Windows 10/11 computer, supported by a Call Center dedicated for the registration of various manufacturers, installation of official diagnostic programs and diagnostic tests in the vehicle
3. Remote diagnostics, in direct connection with a dedicated Call Center that performs the diagnostics required by the customer.

The VCI display allows you to set up a Wi-Fi connection network (with a bandwidth of more than 30 Mbps, preferably optical fibre) or via an Ethernet cable (included). Connections to satellite dishes are not recommended.

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### Data Plus diagnostic licence

Includes a multi-make diagnostics licence with a 12-month upgrade period.  
Provides a synoptic view of the vehicle and advanced programming/coding functions.

Provides a synoptic view of the vehicle and advanced programming/coding functions.

### INCLUDED

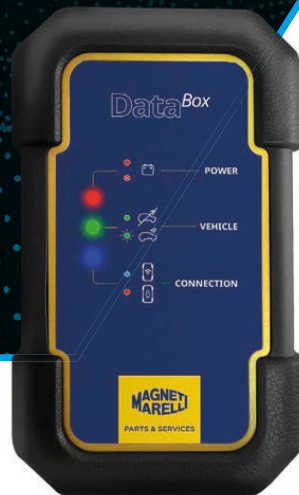
- ▶ VCI Data Plus
- ▶ 220/240V AC adapter
- ▶ OBD diagnostic cable
- ▶ Ethernet cable 15m
- ▶ USB A / USB B cable

### TECHNICAL DATA

- ▶ 3.97" display
- ▶ 320 x 480 px touch screen
- ▶ OS Diagnostics:
  - Multiple makes with Visual Plus
  - Pass-Thru with a Windows PC
  - Remote with Ethernet cable
- ▶ Pass-Thru with a Windows PC
- ▶ Remote with Ethernet cable
- ▶ 8 GB FW memory
- ▶ 256 MB RAM
- ▶ USB 2.0 type B / Ethernet connections
- ▶ 5GHz Wi-Fi
- ▶ Wi-Fi diagnostic connection
- ▶ Supply voltage – 9V 36 V DC
- ▶ Power consumption < 6W
- ▶ Supported protocols: J2534, DoIP, CA FD,
- ▶ CAN 2.0, RP1210, D-PDU
- ▶ Dimensions 204 x 110 x 45



# DataBox



007937000010

## Data Box

The Data Box, in combination with the Visual Plus or another Android tablet (see below for minimum requirements), enables multi-vehicle diagnostics. Connections via USB or Bluetooth provide a flexible and reliable interface. 3 RGB LEDs illuminate the power supply, vehicle communication and Data Box connection type.

007937000040

### Data Box diagnostic licence

Includes a multi-make diagnostics licence with a 12-month upgrade period.

007935912145

### Rugged industrial 10" table

#### Minimum requirements: Android tablet

- ▶ 10" 1920x1080 px display  
Touch screen
- ▶ 64 GB HD ROM
- ▶ 4 GB RAM
- ▶ Bluetooth 4.1
- ▶ Android 9 Pie operating system
- ▶ Octa-core 1.8G Hz processor

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### Database licence

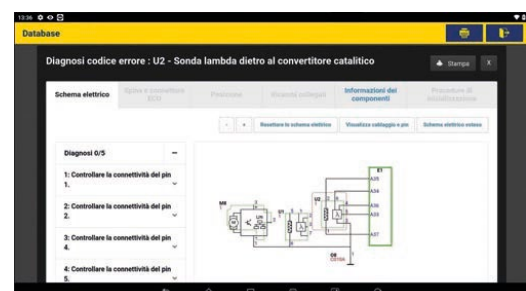
The database, which can be enabled in Data Plus for multiple makes and Data Box, offers instant access to a wide range of technical service bulletins (TSBs), as well as a link to fault codes and related case descriptions. In addition, it includes solutions and recommendations, as well as guided diagnostics.

#### TECHNICAL DATA

- ▶ Multi-make OS Android diagnostics  
≥9 USB 2.0 type C connections
- ▶ Bluetooth
- ▶ Supply voltage 9V 18V DC
- ▶ Supported protocols: CAN FD, CAN 2.0, RP1210, D-PDU
- ▶ Dimensions 118 x 69 x 32

#### INCLUDED

- ▶ VCI Data Box
- ▶ 220 - 240 V AC adapter
- ▶ OBD diagnostic cable
- ▶ USB A / USB C cable





# Remote diagnostics



## Remote diagnostics

The remote diagnostics service, which can be performed with Data Plus, includes using a chat (on an iOS or Android tablet or smartphone) to commission vehicle diagnostics.

Detailed final report concludes the activity with clear and accurate data.

During diagnostics, a stabilised power source is required, such as the Magneti Marelli Power M120A charger



## Makes available

ABARTH, ALFA ROMEO, AUDI, BMW, BMW i, CHEVROLET (DAEWOO), CITROËN, DACIA, DODGE, FIAT, FORD, HONDA, HYUNDAI, ISUZU, IVECO, JAGUAR, JEEP, KIA, LAMBORGHINI, LANCIA, LAND ROVER, LOTUS, Maserati, MAZDA, MERCEDES, MINI, NISSAN, OPEL, PEUGEOT, PIAGGIO, PORSCHE, RENAULT, SEAT, SKODA, SMART, SUBARU, SUZUKI, TOYOTA, VOLKSWAGEN, VOLVO.

007935200170

M Credits - 100 tokens

Points that can be purchased to access remote diagnostics functions.

# Pass-Thru

The Pass-Thru diagnostic service can be started using a Data Plus connected via USB to a Windows 10/11 computer.

A dedicated service for managing registrations for various manufacturers, installing official diagnostic programs and diagnostic tests on the vehicle supports the repair shop in Pass-Thru diagnostics.

007935200085

**Pass-Thru  
subscription**

007935200095

**Annual renewal  
of Pass-Thru service**

007935200180

**PC Pass-Thru  
subscription**

## Available modules

007935200015 FCA module  
007935200060 MERCEDES-BENZ e SMART module  
007935200115 BMW e MINI module  
007935200055 TOYOTA and LEXUS module  
007935200110 Gruppo VAG module  
007935200025 GeKo Gruppo VAG module  
007935200035 PSA and OPEL/CHEVROLET module  
007935200040 FORD e VOLVO module  
007935200045 HYUNDAI and KIA module  
007935200165 MITSUBISHI module  
007935200120 RENAULT module  
007935200050 LAND ROVER e JAGUAR\* module  
007935200155 LOTUS module

\*\* LAND ROVER and JAGUAR require a PC with Windows 7 operating system





007937000015

## EV battery diagnostics

The practical electric car diagnostic kit case offers more than 95% coverage and includes 25 adapters, a 12V, 5A power supply to connect to a high-voltage battery as well as general purpose cables.



### Battery diagnostic methods

Supports various methods of battery diagnostics:

- ▶ using an adapter
- ▶ using the OBD port
- ▶ using a jumper cable

### Battery information

It quickly reads out information about the battery group:

- ▶ number of modules
- ▶ SOC (state of charge)
- ▶ SOH (state of health)
- ▶ temperature and voltage of individual cells
- ▶ temperature of each module

### Includes batteries from the following

**manufacturers:** AISHUN, BYD, CALB, CATL, COLIGHT, E-POW, GUOXUAN, RN TECH, SVOLT, ecc.

### Range of electric vehicle makes:

AUDI, BAIC NEW ENERGY, BMW, BYD, CHERY NEW ENERGY, FCA, FORD, GM, LEAP MOTORS, LIXIANG, MERCEDES, NEZHA NEW ENERGY, NIO, ROEWE NEW ENERGY, SEAT, SKODA, TESLA, VW, XIAOPENG MOTORS

### Streaming battery data transmission

Streaming battery data transmission helps identify problems and increase repair efficiency.

### Diagnostic report

The battery diagnostic report can be printed and sent by e-mail.

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### TESLA DIAG

Cable kit with licence for Tesla diagnostic software.

007937000110

### ANNUAL SUBSCRIPTION TESLA DIAG





007937000025

### 4-channel oscilloscope

Visual Plus enables the integration of a professional 4-channel automotive oscilloscope. With this module, vehicle signals can be displayed, captured and analysed. This analysis can be used to detect various issues, for sensors, actuators and circuits.

In addition, with Data Plus or Data Box diagnostics, it is possible to simultaneously display diagnostic functions with the obtained waveforms, allowing for quicker and more integrated diagnostics.

### TECHNICAL DATA

- ▶ 100 MHz bandwidth
- ▶ 1 Input impedance
- ▶ 11 MΩ ± 1.5%
- ▶ 1 Memory depth 50 M for 4 channels
- ▶ 1 Sampling 1 GB for 4 channels
- ▶ 1 Vertical resolution 8-bit
- ▶ 1 Vertical scale 5 mV – 10 V
- ▶ 1 Time base 50 ns – 1 ks

007937000030

### Measurement module for oscilloscope

An indispensable supplement for precise measurements of electrical signals in vehicles.

- ▶ **65 A current clamps**  
DC/AC frequency range up to 20 kHz  
Measuring range 20 mA to 65 A DC  
Maximum wire size 9 mm
- ▶ **650 A current clamps**  
DC/AC frequency range up to 400 Hz  
Measuring range 20 mA up to 650 A DC
- ▶ **A series of cables designed specifically for automotive measurements**

007937000035

### Signal generator

The generator is specially designed for diagnostics and simulation of sensor faults.

Includes: Sensor, activator, defined/designed, time waveform and universal meter.

The module is an accessory and requires interfacing with a 4-channel oscilloscope for complete and accurate diagnostics.

### TECHNICAL DATA

- ▶ 2-channel signal generator
- ▶ Accuracy ± 1%
- ▶ Amplitude range from 0 V to 20 V
- ▶ Current output max. 20 mA
- ▶ Frequency range 0 – 20 kHz
- ▶ Waveform simulation
- ▶ 2-channel universal meter

KOD	OPIS
007937000000	VISUAL PLUS
007937000005	DATA PLUS
007937000010	DATA BOX
007937000015	EV BATTERY DIAGNOSTICS
007937000020	TESLA DIAG
007937000110	TESLA DIAG ANNUAL SUBSCRIPTION
007937000025	4-CHANNEL OSCILLOSCOPE
007937000030	MEASUREMENT MODULE FOR OSCILLOSCOPE
007937000035	SIGNAL GENERATOR
007937000040	DATA BOX DIAGNOSTIC LICENCE
007937000045	DATA PLUS DIAGNOSTIC LICENCE
007937000050	INTEGRATION +12 MONTHS DATA PLUS

KOD	OPIS
007937000055	INTEGRATION +24 MONTHS DATA PLUS
007937000060	INTEGRATION +12 MONTHS DATA BOX
007937000065	INTEGRATION +24 MONTHS DATA BOX
007937000070	DATA PLUS ANNUAL SUBSCRIPTION
007937000075	DATA BOX ANNUAL SUBSCRIPTION
007937000180	SGW FCA/MASERATI ANNUAL SUBSCRIPTION
007937000085	10 RENAULT UNLOCK TOKENS
007937000090	ONE-YEAR SUBSCRIPTION FOR MERCEDES UNLOCK
007937000095	DATA BANK LICENCE
007937000100	DATA BANK ANNUAL SUBSCRIPTION
007935200170	M CREDITS 100 TOKENS



007935912040

# Div.o

## Diagnostic Tester

Div.o represents the latest generation of Magneti Marelli Aftermarket 4.0 diagnostic systems. The new ARM Cortex A7 microprocessors support network connections and allow instant access to the vehicle's control units. Thanks to its versatility, the device is able to manage multiple types of communication while displaying parameters, statuses, activations, coding and telemetry. Using an internet connection, the following tools are available: preview of comparison parameters, Security Gateway unlock function, Pass Thru programming function. The offer is complemented by a durable industrial tablet which features total dust and splash protection (IP65), with a protected display and excellent speed and memory performance.



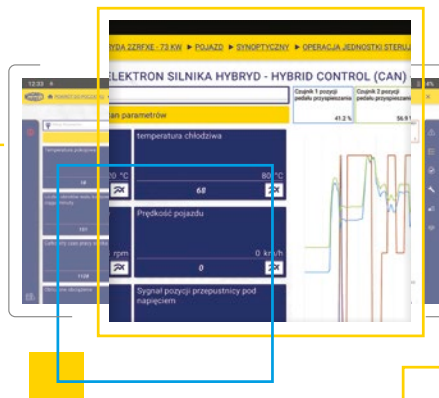
### VEHICLE DIAGNOSIS

The multi-connection allows verification of possible network problems and a quick analysis of the status of the control units. It is possible to delete errors found, establish communication with individual ECUs or enter the OK function menu.



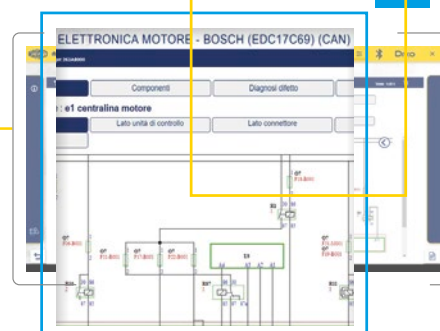
### MULTI-ENVIRONMENT

Previously opened functions can be displayed and controlled at the same time, even in different control units in graphical or numerical form.



### COMPARATIVE PARAMETERS

The device software includes a range of reference values for the reviewed parameters. The unique data has been collected from a number of diagnostics carried out on correctly functioning systems.





# HIGH RESOLUTION AND PROTECTION STANDARDS, LONG BATTERY LIFE

## TECHNICAL SPECIFICATIONS

- Windows 10 - Android 7 or later
- USB Type C connectivity, Bluetooth and certified 802.11 b/g/n 2.4 GHz Wi-Fi
- Direct connection or by means of an EO extension
- High-performance push-button-activated LED
- RGB LED for communication status
- Buzzer to prevent loss
- Docking station for power supply and updates
- Ergonomic handle
- Dimensions: 151 x 60 x 30 mm
- Weight 172 g



## 007935912145 Rugged industrial tablet

## TECHNICAL SPECIFICATIONS

- Display 10.1" 1920x1200 px
- ROM 64 GB, expandable up to 128 GB (microSD)
- RAM 4GB
- Wi-Fi IEEE 802.11 a/b/g/n/ac
- Dual Band 2+4G SIM card support
- Bluetooth 4.1
- O.S. Android 9.0 Pie
- Octa Core 1.8 GHz processor
- Protection degree IP67
- 11000 mAh LiPo battery
- Standby time up to 250 hours  
and up to 12 hours with normal use
- Weight 980 g

## VEHICLE SELECTION

Vehicle selection by searching for: number plate, engine code, VIN ECU number, manual selection and recently selected vehicles.



## GRAPHIC PARAMETERS

Parameter functions can be accessed to display actual and reference values and to create graphs of one or more parameters. A convenient search function helps to find the relevant parameter.



## TECHNICAL SUPPORT

The software contains a number of technical aids and manual procedures describing the most common calibration or adaptation functions such as remote control coding.





## Software for workshops

TRUCK VERSION ALSO AVAILABLE

## ReTIS

099992670300

Retis On Line Workshop  
Software Yearly Licence

## ReTIS Truck

099992670405

Retis Truck-Truck Software  
12 Months  
Licence On-Line



## Repairing Technical Information System

Currently, in order to fulfill the needs of a professional car workshop, technical documentation provided in a printed form is not sufficient. To meet the customers' expectations, Magneti Marelli have created the ReTIS programme - an effective instrument for fast technical consultation in all operating car parks. New content, further adapted to the current needs, and renewed graphics make the programme even more user friendly.

Retis system is a large database that includes technical information concerning passenger cars and trucks, with petrol and diesel engines. The programme is available on a CD or in the form of an On-Line access. Programme license is issued in the form of an annual subscription, thanks to which free updates are available to the customers. 099992670400 (On-line)

## RETIS IS A BANK OF TECHNICAL DATA THAT SUPPORTS A MECHANIC DURING DIAGNOSING AND REPAIRING OF DEFECTS.

The system includes information on:

- ▶ vehicle identification
- ▶ planned technical reviews
- ▶ information on the adjustments performed
- ▶ lubricants and operating fluids
- ▶ technical data concerning the engine and the adjustments
- ▶ technical drawings
- ▶ engine control (and localization of the components)
- ▶ ABS
- ▶ Air- Bag
- ▶ fuses and relays
- ▶ air-conditioning
- ▶ electrical connections schematics
- ▶ repair and maintenance times
- ▶ bodywork (disassembly and assembly of components)
- ▶ comfort systems (electrical schematics and functioning)
- ▶ EOBD error codes interpretation

### Maintenance

- ▶ List of operations required during the control reviews

### Engine - repair instructions

- ▶ Clear pictures with explanation and indication of the repaired areas, and with the values required for a proper control and adjustment.

### Elektronics - engine control

- ▶ Components setting and adjustment, with a schematic of electrical connections and of the connections between the system components. Clicking on a description opens a corresponding page.

### Adjustment data

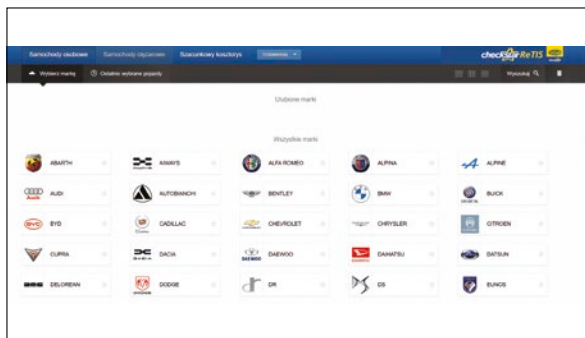
- ▶ A wide range of information on the adjustments: from the engine to the tires.

### Część zewnętrzna/ wewnętrzne

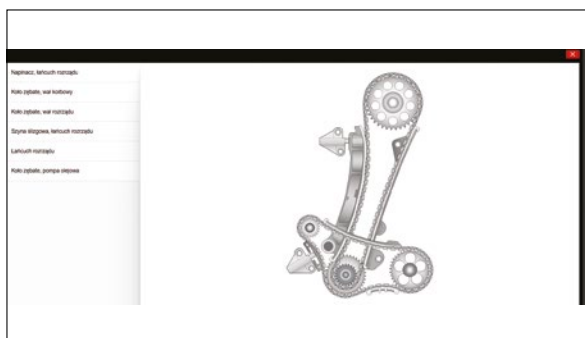
- ▶ Data, drawings and repair guidelines for the systems situated in the cabin and in the body 6.600 engine control systems Thousands of electrical connections schematics Millions of specified repair times



**Magneti Marelli is an official distributor of Hynes Pro. The Retis Online programme is one of the most modern.**



Four groups of information are assigned to each make and model of car; Summary including repair time standards, regulatory data, timing replacement information. Periodic maintenance including: maintenance schedules, resetting the maintenance indicator, procedures and periodic maintenance forms. Repair data is information divided into the following subcategories: engine, transmission, steering and suspension, brakes and internal and external parts. Electronics include: engine, steering and suspension, brakes, internal and external components, fuses and relays, locations, electronic procedures, lights and indicators. In addition, the programme can be extended with the SmartPACK™ module including SmartFIX™ and SmartCASE™.

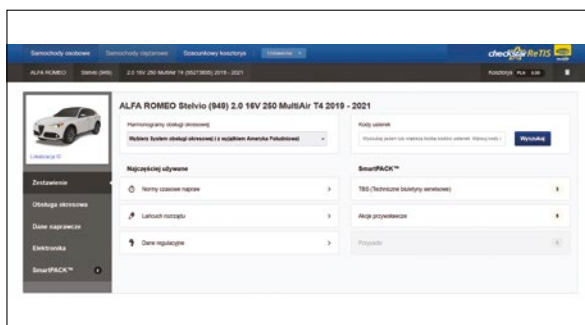


**SmartFIX**

This is a useful database containing information on maintenance activities recommended by car manufacturers at a certain mileage. The module contains check-lists of car components to be checked and replaced. Time standards are given for all maintenance activities.

**SmartCASE™**

It is a database of unique technical information based on the experiences of garages in solving the problems they have encountered during their work with cars. The module quickly identifies the problem, describes possible causes and suggests possible solutions. Each case contains a description of the problem, the cause of the problem and ready-to-use solutions. We can search for a fault according to: the fault code, the area of the vehicle in which it occurred, the noise it generates, a description of the symptom and the conditions under which it occurs.

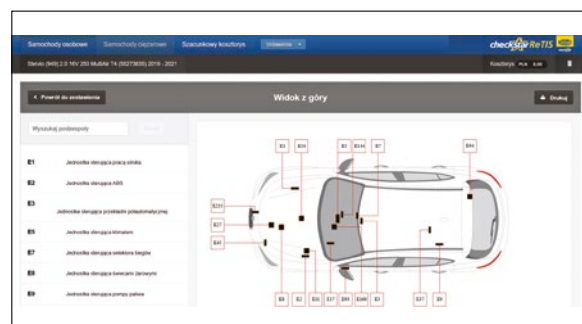


Retis is an efficient and fast tool containing technical and diagnostic information on repair procedures. Retis is available as an annual licence allowing work on 4 independent workstations. RETIS contains technical information on European and Asian cars such as:

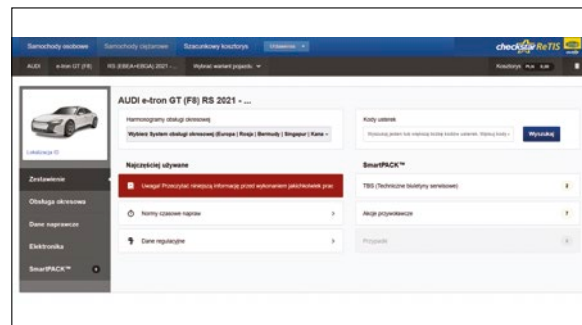
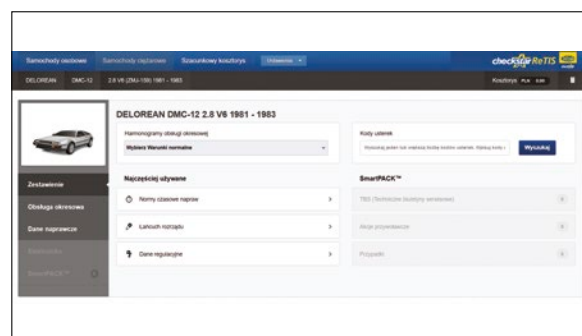
- Car identification
- Location of identification plates
- Maintenance list with appropriate lubricants and fluids
- Motor adjustment data
- Installation diagram and drawings of the drive belt locations
- Data on environmental requirements and exhaust emissions
- Technical drawings of car components
- Diagrams and information on engine control units for European and Asian cars.
- Interactive exhaust gas testing
- Inspection data (FID)
- Complete repair schedules
- Installation wiring diagrams
- Electrical diagrams for air-conditioning systems
- Explanation of EOBD codes

RETIS' figures:

- **MORE THAN 7,000 DRIVE UNITS**
- **MORE THAN 50,000 TECHNICAL DRAWINGS**
- **MORE THAN 6,600 ENGINE CONTROL SYSTEMS**
- **MILLIONS OF WIRING DIAGRAMS**
- **MILLIONS OF LISTED OPERATING TIMES**



The VESA™ module (Vehicle Electronics Smart Assistant) is a tool for the correct diagnosis of vehicle electronics. By using the fault codes read by the diagnostic tester, the fault can be found more quickly and precisely. The module guides the mechanic step-by-step on a "yes", "no" basis, showing only a section of the overall scheme, focusing on selected elements of the overall scheme while showing the interdependencies between elements of the overall system such as sensors, controllers, etc.





# Service&Repair

009999269500



## The base provides a wide range of information about:

- Diagnostics
- Maintenance
- Repairs for workshops

## Also:

- More than 14000 models in the database
- Parameters directly from manufacturers
- Access to all databases of update data
- Cost calculator
- Assignment of elements
- Interactive connection diagrams
- Easy to move between works
- Quick fault code search

A range of materials and instructions together with drawings provides comprehensive support for vehicle mechanics of any type and avoids potential errors in providing services in the field of automotive technology.

## Technical information leader

Autodata, founded in 1975, is the world's leading provider of technical information on the aftermarket. Our mission is "to be the most innovative, accurate and respected supplier of technical information on the aftermarket". To achieve this, the basis of our philosophy is a continuous involvement in innovative solutions that allow for creation universal products that we design in response to our customers' needs. We are able to achieve this with our highly qualified 180 experienced staff in seven countries in the world. Most of them are directly involved in product development.

We create products that are used in workshops during repair and service of vehicles. Our database, including over 29,000 models from around the world, obtained direct license from more than 80 car manufacturers.

The information we provide is the result of a study by our specialists with experience in the automotive industry, perfectly understand the functioning of vehicles and the way in which technical information is applied in a modern car workshop.

This information is edited by us in such a way that it retains the same style and format, so you do not need extra interpretation when the work is done on models of different manufacturers. Our internal team of computer graphics creates detailed supportive illustrations that complement the technical specifications and they enhance the user's experience.

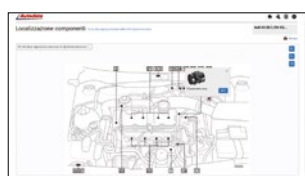
This joint effort allows us to create information that is relevant, timely, comprehensive and of the highest quality. The result is an interactive and friendly system that covers all the latest technologies.

## Types of licenses:

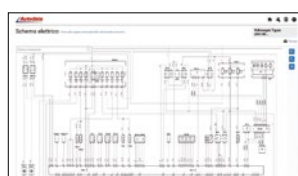
- 009999269500 Autodata Online 3 "Service&Repair"- yearly licence for 1 stand
- 009999269502 Autodata Online 3 "Service&Repair" yearly licence for 2 stands
- 009999269505 Autodata Online 3 "Service&Repair" yearly licence for 5 stands
- 009999269501 Autodata Online 3 "Service&Repair" yearly renewal for 1 stand
- 009999269503 Autodata Online 3 "Service&Repair" yearly renewal for 2 stands
- 009999269506 Autodata Online 3 "Service&Repair" yearly renewal for 5 stands
- 009999269600 Autodata Online 2 "Service &Maintenance" yearly licence for 1 stand
- 009999269602 Autodata Online 2 "Service &Maintenance" yearly licence for 2 stands
- 009999269605 Autodata Online 2 "Service &Maintenance" yearly licence for 5 stands
- 009999269601 Autodata Online 2 "Service &Maintenance" yearly renewal for 1 stand
- 009999269603 Autodata Online 2 "Service &Maintenance" yearly renewal for 2 stands
- 009999269606 Autodata Online 2 "Service &Maintenance" yearly renewal for 5 stands
- 009999269512 Autodata Online Motorcycles yearly licence for 1 stand
- 009999269513 Autodata Online Motorcycles yearly licence for 2 stands
- 009999269514 Autodata Online Motorcycles yearly licence for 5 stands
- 009999269511 Autodata Online Motorcycles yearly renewal for 1 stand
- 009999269515 Autodata Online Motorcycles yearly renewal for 2 stand
- 009999269516 Autodata Online Motorcycles yearly renewal for 5 stand



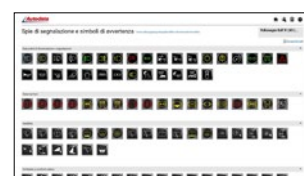
Service drawings



Search engine by driver



Electrical diagrams



Control symbols

# PREMIUM headlight control device

## 007935902020

A fully electronic device for checking the parameters of car lighting, equipped with a camera that allows any type of car headlight to be measured.

For a long time, car headlights performed the primary lighting function. The development of driver assistance systems has necessitated changes to car lighting systems. Designers of various car brands began to introduce and develop adaptive lighting systems which started to appear in premium cars. Nowadays, this type of solution is increasingly common in lower-end cars. For this type of lighting system, it is necessary to use a suitable device to allow proper control of the lighting. An incorrect inspection procedure may lead to a system malfunction. Magneti Marelli's Premium device makes it possible to measure the latest versions of car lighting as well as adaptive headlights such as Matrix, DLA and ILS headlights.

The integrated circuit used in the device allows precise measurement of the lighting, with the measurement result displayed on a LCD touch-screen. The results obtained can be presented in the form of a printout obtained thanks to the printer installed in the device. Thanks to the rotating measuring column, it is possible to adapt the device more easily to the headlight surface. The Class 3R laser on the column allows base points to be defined to facilitate the measurement of the light beam. An additional advantage is the placement of the cross laser in the measuring head housing, which allows the device to be centred with respect to the centre of the light source.

The electronic headlight alignment device is equipped with a camera to perform a full analysis of any type of headlight on any type of car.

### Technical data:

- the instrument has a rotating column which allows the measuring head to be accurately positioned in relation to the headlight
- the column is fitted with a balanced system to facilitate movement of the optical box
- injection-moulded plastic head housing incorporating a glass lens with a diameter of 230 mm, controllable deviation from the mechanical position of the light beam of 1cm/10m possible
- the measuring head is equipped with ports: RS232 and USB
- the base of the measuring instrument is made of an aluminium-steel alloy and is equipped with a levelling system
- the device is equipped with a printer
- touch screen
- proven method for positioning in relation to the vehicle: using a broadband laser beam, additionally the device can be retrofitted with laser positioning of the headlight centre (cross laser)
- Possibility to work via a laptop and print using the optional Headlight 4 software
- Display TFT colour touch screen: 5.7" 320x240 display
- CMOS camera 640x480 VGA - PIXEL 6.0 x 6.0µm
- Operating temperature +5°C - +45°C
- Humidity 20% - 80%

### Storage and transport

- Temperature -25°C - 45°C/-13°F - 113°F

- Humidity 30% - 60%

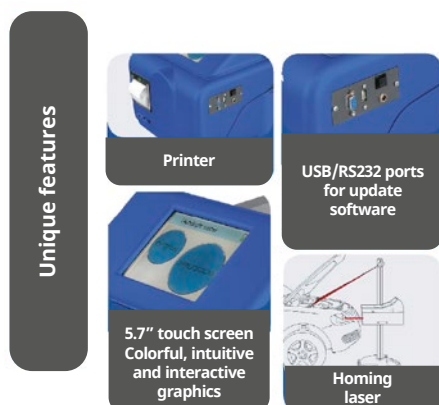
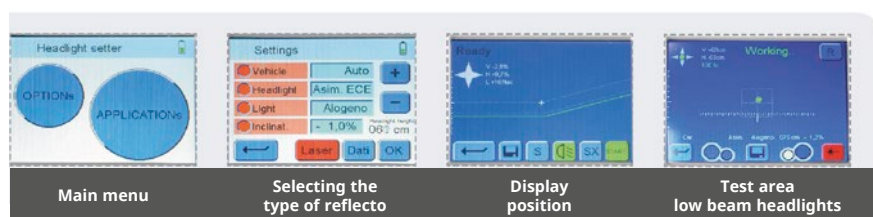
### Dimensions and weight

- Dimensions (W x D x H) 660 x 695 x 1780 mm

- Weight 35 kg (66 lbs)

### Scale

- Top and bottom alignment  
0 - +/- 600 mm / 10 m (0; +/- 6 %)
- Right and left alignment:  
0 - 1000 mm / 10 m (0; +/- 10 %)
- Brightness 0 - 240 lx (0 - 150 000 cd)
- Illumination intensity 0-150 000 lux
- Height of the central optical point from ground level: 240 - 1450 mm
- Power supply (internal battery) 12 V
- Battery charger input voltage  
100 - 240 V, 50/60 Hz
- Measurement accuracy
- Intensity +/- 5% end of scale
- Vertical axis deviation +/- 0.1%
- Horizontal axis deviation +/- 0.2%



## Advantages:

- The device fully measures the parameters of all types of lights, including: LED, bi-xenon, xenon, halogen and conventional, with reflectors: paraboloid, multi-paraboloid, projector, with a diffuser glass, with a smooth glass, equipped with an AFS system
- Headlight service for all type vehicles (European, British, American, Japanese, etc.).
- Available languages: Polish, English, Czech, Slovenian, Hungarian
- Communication protocols available: Net1, Net2, Giagnet, to be installed on request
- Software Update: using USB, RS232 connection



# Analog device for controlling the SMART light setting 007935902010

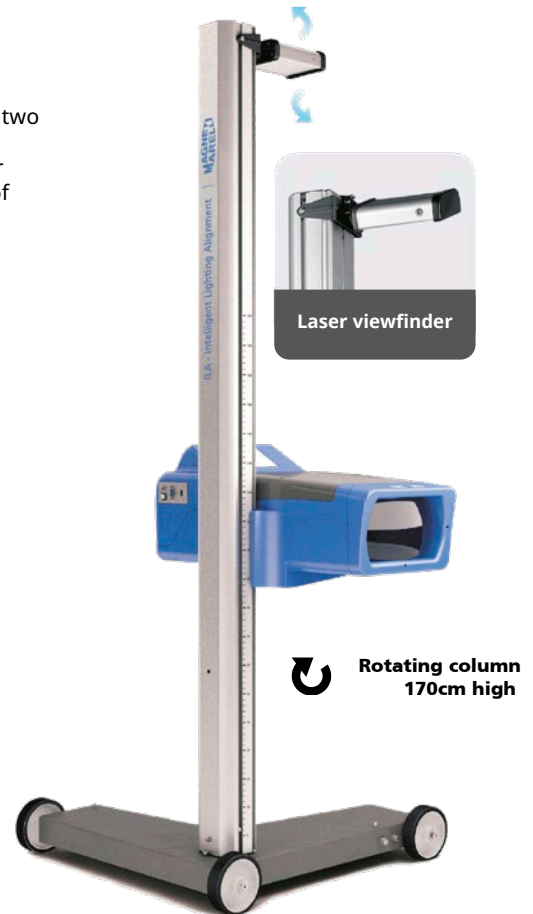
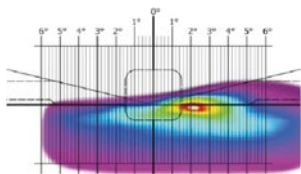
Mechanical headlight alignment checker with digital lux meter.

## TECHNICAL DATA:

- column equipped with a counterweight, the operator can move the optical box in two directions by lightly touching it
- injection-moulded plastic head housing incorporating a glass lens with a diameter of 230 mm, controllable deviation from the mechanical position of the light beam of 1cm/10m possible
- The base of the measuring instrument is made of an aluminium-steel alloy and is equipped with a levelling system

**Kod MM: 007935902010**

Unique features



# Analog lightning alignment device LOGIC 007935902030

## Technical data:

- Positioning with a mirror
- Height of column 172 cm
- 3 wheel stable base
- Optical box with a 200 mm diameter glass lens
- Precision adjustment system
- Digital display showing the result in candelas (kcd)

**Kod MM: 007935902030**



All devices we offer measure in candelas [kcd] and are consistent with the latest interpretation of the requirements set out in point 4.1.7 of Annex 1 to the regulation of MTBiGM of June 26, 2012 (Journal of Laws, item 996) on the scope and the method of conducting technical tests and templates of documents used with these tests.



<b>EQUIPMENT AND FUNCTIONS</b>	<b>007935902020 PREMIUM</b>	<b>007935902010 SMART</b>	<b>007935902030 LOGIC</b>
Digital lux meter	+	+	+
Wide-band viewfinder	+	+	+
Microprocessor-based measurement system	+		
Laser alignment of the device to the vehicle	+	+	
Eccentric axis for tilt adjustment		+	+
Digital tilt adjustment	+		
Swivel column to orient the optical box	+	+	+
Can be mounted on rails	+	+	
Touch screen with 5.7" resolution	+		
Support for LED, MATRIX headlights	+		
USB interface	+		
RS232 interface	+		
Bluetooth compatible	+		
Compatible with HEADLIGHT 4 software	+		
Possibility to mount a printer	+		
Preparation for WLAN	+		
Upgradability	+		
Calibration possible with manufacturer's calibration	+	+	+
Base on plastic wheels	+	+	+
Fresnel lens	+	+	+

<b>CODE MM</b>	<b>ACCESSORIES</b>
<b>007935902050</b>	Double guide rails
<b>007935902055</b>	Single guide rail
<b>007935902060</b>	Height sensor for headlights for Smart and Premium devices
<b>007935902070</b>	Bluetooth master-slave kit (no Bluetooth on the computer)
<b>007935902080</b>	Single Bluetooth module (the computer has its own Bluetooth)
<b>007935902090</b>	Printer for the headlight alignment device to the Premium model
<b>007935902110</b>	OFFLINE CTF6 software update for the Premium model
<b>007935902120</b>	ONLINE CTF6 software update for the Premium model
<b>007935902130</b>	Headlight 4 software for the Premium device



## Master Alt 2 007935063030

## The device can be used to diagnose the charging circuit in cars with:

- alternator charge current provided by the ECU
- control standards COM - LIN, BSS (BSD), SIG, P-D, L-RVC, RLO
- generates currents resembling the actual conditions
- to test the alternators installed in vehicles



### General characteristics:

The device can be used to diagnose the charging circuit in cars with alternator charge current provided by the ECU. The device generates currents resembling the actual conditions for the voltage regulators in the car. The device is designed to test the alternators installed in vehicles or on testing tables as well as the regulators alone – with a standard testing device. The device can provide the information on whether the voltage regulator can correctly communicate with the car's ECU and if it responds to required parameters.

### Compatible control standards:

- COM - LIN, BSS(BSD) interfaces
- SIG – FORD
- P-D – Mazda
- L-RVC – GM
- RLO – Toyota

### Device operation

The test subject selection menu will appear. Select the required parameter the up and down arrow keys and press OK what moves in the test mode.

After pressing the knob, the display will present the following information:

- voltage of the tested circuit (large digits)
- required voltage (small digits on the top of the display)
- alternator load DF/DFM [%]

## Annual update to the tester Master Alt with NFC function 007935063060

**NOVELTY**

## Alt Diag Pro - alternator bench

007935063050

The Alt Diag Pro is a test bench that allows you to check the alternator or starter performance. This device evaluates the measurement results helping to diagnose damaged system components that may occur in particular test assemblies of the alternator or starter. Our test bench is mainly used for testing alternators of 12V and currents up to 300A and alternators of 24V and currents up to 150A as well as for testing starters with similar parameters.

### Supported interfaces for communication with the alternator:

- COM (LIN, BSS),
- C,
- SIG,
- RLO,
- L-RVC
- LAMP.



### The following types of automated alternator testing are supported:

- 1) Standard, which allows to record the maximum current under load, not exceeding the determined value during the test.
- 2) Efficiency, which give the maximum load current without imposing any restrictions, checking the alternator under load under extreme conditions.

### Parameters of use:

- Electric power supply - 400V with a frequency of 50Hz at rated current 16A in a system with 3P + N + PE leads. 3.3
- Compressed air supply via pneumatic 1/2" coupling, ensures proper and secure tension of the V-belt.
- Touch screen that allows, among others, changes in configuration and position settings while also providing comfortable control conditions and clarity of displayed information and messages along with parameter under analysis.

### Parameters that can be measured and analyzed by a user:

- maximum power of the starter,
- maximum starter current (starting current),
- average starting voltage
- average starting current



### Parameters to be analyzed by Alt Diag Pro bench:

- graph of current ripple,
- maximum alternator current,
- alternator leakage current,
- Voltage Set Point,
- turn on speed,
- DFM value,
- performance curve,
- maximum power of the alternator,
- WINDING value.

### Alt Diag Pro features:

- Compact size 80 [cm] x 70 [cm] x 110 [cm]
- Possibility of testing alternators with interfaces: LIN, BSS, SIG, RLO, RVC, C
- DFM signal reading (M, FR, DF, LI, F)
- 8.5 hp engine
- Operation of 12 and 24 V alternators and starters
- Maximum alternator load 300 A
- Built-in oscilloscope for measuring ripple current
- Detect damaged diodes and stators
- Possibility to run fully automated test for alternators
- Basic diagnostic function of the starter
- Pneumatic belt tension of alternator
- Includes plugs and adapters for
- fixing different types of alternators
- Industrial touch screen (possibility to work wearing gloves)
- Automatic test results recording
- Possibility to print the test run
- Rich alternator base
- Option to update the table via USB

## Alt Diag Pro software update

007935063070

NOVELTY



# BAT EXPERT PRO 2.0

007935660660

**Universal inspection tester  
battery condition  
and elements cooperating with it**



## Battery and charging system tester Magneti Marelli

Bat Expert 2.0 from the Magneti Marelli offer is a universal tester that allows you to check the condition of both the battery itself and the components cooperating with it - the alternator and the starter. All operations, as well as the printout itself, can be presented in Polish.

### BATTERY TESTS:

- ▶ current voltage
- ▶ starting current
- ▶ graphical percentage of the battery condition and its charge level.
- ▶ battery recommendations (charge, replace, replace urgently)
- ▶ possibility of uploading all data to a special database on a PC and archiving tests
- ▶ unique slope battery test function

### ALL TESTS CAN BE PERFORMED ON BATTERIES:

lead-acid, gel, AGM (maintenance-free),

VRLA (partially maintenance-free): Start&Stop, SLI (standard).

The starting current can be specified according to one of the standards:

SAE, EN, EN2 IEC, DIN, EFB, CA/MC and JIS.

### TESTS IN THE VEHICLE:

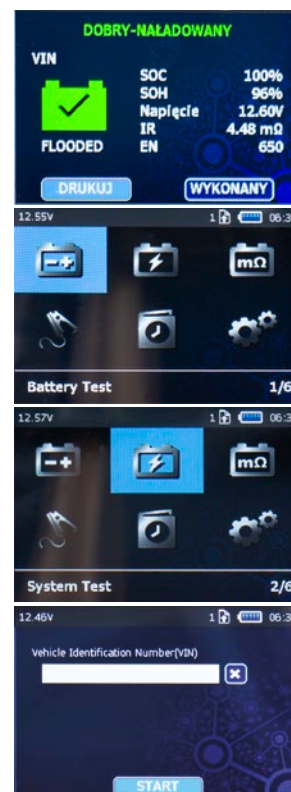
- ▶ voltage drop during start-up
- ▶ charging test without load (checking the alternator and voltage regulator)
- ▶ charging test under load (also checking the efficiency of on-board electrical appliances)
- ▶ voltage stability test (checking the voltage regulator and alternator diodes)
- ▶ battery internal resistance test

### Printer:

All tests performed using MM Bat Expert 2.0 can not only be viewed on a large and clear display equipped with backlight adjustment, but also immediately printed using the built-in printer. This printout contains all the data checked during the test, giving the customer full information about the condition of the battery, alternator and voltage regulator. MM Bat Expert 2.0 is a device that is exceptionally easy to use and user-friendly. All available tests are performed step by step, according to the instructions provided by the tester on the display. Everything can also be archived in a dedicated database accessible via PC and connected to the device via a USB-C cable.

### ADVANTAGES:

- ▶ menu available in 19 languages - English, French, Spanish, German, Italian, Portuguese, Polish, Czech, Greek, Turkish, Croatian, Romanian, Hungarian, Russian, Bulgarian, Lithuanian, Slovenian, Dutch, Danish.
- ▶ color TFT LCD display
- ▶ durable and handy housing
- ▶ easy-to-read backlit display
- ▶ checking the status of 6V and 12V batteries
- ▶ 12V Start-Stop battery condition check
- ▶ measurement of voltage, starting current and diagnosis of battery condition
- ▶ compatibility with most types of batteries available on the market
- ▶ wide range of starting currents of tested batteries:  
40 – 2100 (EN) 25-3000 CCA
- ▶ control of voltage spikes and alternator efficiency in various conditions (for 12V and 24V systems)
- ▶ printer enabling printing of test results



# EASY BAT

007935660670

## Compact 12V and 24V battery tester

Compact 12V and 24V battery tester

EASY BAT is a compact 12V and 24V battery tester characterised by its small dimensions, simple and intuitive operation and interesting design. It can be used for testing 12V and 24V batteries. It allows easy and quick verification of the charge level of the battery itself, as well as checking the correct operation of the charging system. The test results are presented on an easy-to-read display and can be printed out if required, using the built-in thermal printer.

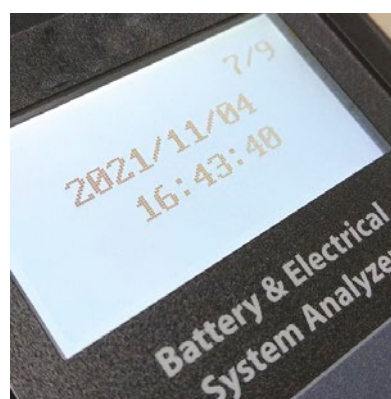
### Application:

- Battery test 12V, 12V Start-Stop
- System test 12V, 24V
- Internal resistance reading
- Supported battery types:  
Flooded, VRLA/GEL, FRB, AGM S, AGM F
- Supported measurement standards:  
CCA/SAE, CA/MCA, EN, JIS, DIN, IEC
- Measuring range: 40 to 2000 CCA
- Cable length: 0.8 m
- Temperature compensation: Yes, manual.
- Thermal printer: Yes
- Display: 4 lines with adjustable brightness
- Operation: keypad (left/right/Enter)
- Internal power source: CR2032 x 1
- Operating temperature: 0-50°C
- CE and UKCA certified
- Dimensions: 250 x 130 x 45 mm
- Operational languages: PL, EN, FR, DE, ES, IT, PT, NL, RU, TR, CZ



### Technical data:

- Cable length: 0.8 m
- Temperature compensation: Yes, manual.
- Thermal printer: Yes
- Display: 4 lines with adjustable brightness
- Operation: keypad (left/right/Enter)
- Internal power source: CR2032 x 1
- Operating temperature: 0-50°C
- CE and UKCA certified
- Dimensions: 250 x 130 x 45 mm
- Operational languages: PL, EN, FR, DE, ES, IT, PT, NL, RU, TR, CZ





# POWER M120A

007950007100

## 120 AMP MULTI-PURPOSE BUFFER BATTERY CHARGER

The POWERM120A multi-purpose charger is designed to charge all types of batteries, including: lead acid, maintenance-free, standard, gel, nonwoven, AGM, EFB and lithium-iron-phosphate (LFP). POWERM120A will automatically charge deeply discharged batteries with a 6 (LFP) or 8 step deep discharge recovery program. It has a power backup function to buffer data (e.g. radio, controller, etc.) during battery replacement („Memory Saver”) and a buffer charging mode that maintains battery charge and electrically stabilises the vehicle's electric system when the engine is turned off. In buffer mode, the charger can supply power to the vehicle's controllers, e.g. during firmware updates, recalibration or configuration, which proves highly useful in Pass Thru procedures.



### TECHNICAL SPECIFICATIONS

Max. charging current: -12 V 120 A  
Standard charging with Desulfation, battery excitation and diagnostics 12.0-14.8 V, max. 100 A

Battery capacity: 20-400 Ah  
12 V Lead Acid, 12 V AGM Flat/Spiral, 12 V EFB 12 V VRLA/GEL, 12 V EFB 12 V VRLA/GEL, 12 V Lithium (LiFePO4). Capacity of charged batteries: 20-400 Ah

Charging cables length: 2 x 5 m  
Operating temperature range: -0°C - +50°C

Charging cable cross-section: 25 mm<sup>2</sup>  
Power supply voltage: 230 V, 50/60 Hz

Power consumption: 1600 W max  
Nominal battery voltage: 12 V

Masa (bez zasilacza i przewodu zasilającego): 6,6 kg  
Protection class: IP20

Backup charging – „Showroom” mode:  
12.0-13.2 V max. 50 A  
Temperature compensation: Yes

Modifiable buffer charging:  
12.0-14.8 V, max. 120 A (20 A input)  
Ripple < 200mVpp Dimensions (L x H x W):  
254 x 370 x 110 mm

Backup power supply for battery changes  
– „Memory Saver” mode 12.9 V 3-30 A

### SHOWROOM MODE

- For long term power backup – in showroom vehicles
- With a height of only 110 mm, it can easily be placed under the vehicle
- Lock mode

### MEMORY BACKUP MODE

- When connected to terminals, the charger maintains appropriate power supply to systems, preventing loss of settings and/or generating errors when vehicle battery is disconnected

### INCLUDED

- Battery charger
- Detachable charging cables: 2 x 5 m
- Power supply cable
- Wall mount: 4 pcs.
- Operating manual
- Safety instructions

### Memory Saver Ms-7E

007950006920

#### Key features:

- Device designed to support the controller memory when the car battery is disconnected.
- Very useful for replacing the battery
- Prevents data loss and reset of all devices.
- Connection to the vehicle through the EOBD socket or lighter connector.
- With the LED control panel it is possible to monitor the internal state of the battery on the fly.

#### Technical data:

- Battery installed inside: AGM
- Voltage: 12V
- Battery capacity: 7 Ah
- Dimensions: 24.5 cm x 24.5 cm x 18 cm
- Weight: 3 kg



# Battery Charger BAT 100 10 A with LCD

007950007100

Device for charging batteries and for battery maintenance in motor vehicles. Simple operation is ensured by the LCD display with a graphical representation of the battery charge level, which is achieved through intelligent multi-stage charging (9 cycles). The charger handles all standard battery types including the latest lithium polymer, providing adaptability to each type by charging in three modes, including batteries intended for motorcycles, passenger cars and voltage suppressors.



- Temperature sensor with compensation function
- Operating temperature: -20 do +50°C
- Weight 880g

**Dimensions:**

- Length: 210 mm
- Width: 98 mm
- Height: 60 mm

**Technical parameters:**

- LCD display
- Includes a set of ring clamp
- AC voltage: 220-240V, 50-60Hz
- Minimum battery voltage:
  - Acid-lead: 2V
  - LFP: 10V
- 3 charging modes:
  - Smaller batteries: 1.5A-12V; 2.3Ah to 30Ah

- Large batteries: 10A-12V; 30Ah to 200Ah
- Power supply: 13.6V – 10A
  - 9 cycles for batteries AGM, GEL, STD, VRLA, MF, CAL/CAL
  - 6 cycles for LiFePO4 battery
- Supported batteries: 12V - AGM, GEL, STD, VRLA, MF, CAL/CAL
- I► ntelligent charging program



**Digital battery load tester BAT508**

007950007020

Digital 12V battery load tester. It runs tests of charging degree, start-up abilities, efficiency of charging system and start-up tests.

**The tester is equipped with:**

- LED display showing voltage and test results
- automatic load stopping after 10 seconds and maintaining the voltage
- unique 3-stage reading: checking polarization on the LCD screen, control of battery charging level, reading the test of charging system
- control of battery and charging system conditions
- total transfer possibility.

**No need to connect external power supply.**



**125 A Hand held battery load tester BAT601**

007950007030

The BAT 601 is designed for 6V and 12V batteries up to 1000CCA. Performs tests of charge, boot and charging performance. Used for standard and maintenance -free batteries in passenger cars and delivery vehicles. The tester is completely portable. No need to connect external power. Performs a complete test in 10 seconds. The device is sure and accurate. Robust and shockproof. It has durable, color-coded clamps.

**Supported batteries:**

- 6V
- 12V

**Possible operations:**

- Load test
- Temperature Correction (1 step = 50A)
- Testing the charging system
- Starter test (12V)





007935660650



**Classified Protection**  
**IP65** Complete protection against contact, from infiltration of dust and water projected from a nozzle.

## Battery charger BAT-5 PRO

It is a compact microprocessor charger with intelligent charging function. Affordable price and small size combined with high functionality, they guarantee professional battery regeneration. Safety: IP65 - dust resistance and moisture, protection against reverse polarity connection/sparking; overcharge protection battery and protection against short circuits.

**Easy:** Bright LEDs identify accurate status charging.

**Weight:** Lightweight, portable design and compact structure.

**Charges:** 6V & 12V lead-acid batteries, Start-stop EFB, Start-stop AGM, WET, MF, Ca/Ca, AGM and GEL 12V LiFePO4 battery

**Input:** AC 220-240V/1A/50Hz

**Charging output mode:** 4A

**Output maintenance mode:** pulse charging

**Cables:** 183 cm






**Dimensions:** 172.97(L) x 89.91(W) x 45.89(H) mm(approx.)

**Weight:** 0.85 kg.








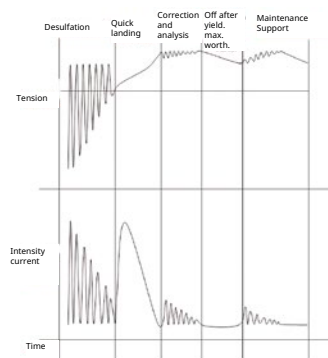
The professional MAGNETI MARELLI charger provides five-stage charging automatic, which will not only effectively charge the batteries, but also will extend the operational life necessary for batteries. Deep discharge recovery and a temperature sensor are just some of the many advantages.

### 5 charging stages

- 1  **Desulfation** - Focuses on heavily discharged or slightly sulfated batteries that exhibit low voltage and are resistant to activation. The MAGNETI MARELLI charger starts pulsed (pulse) charging to charge the battery until the voltage is restored and reaches the expected level after charging. The purpose of this stage is to save excessively discharged or slightly sulfated batteries and regenerate them.
- 2  **FAST CHARGING** - When the battery voltage is higher than the set level, the MAGNETI MARELLI charger applies a high charging current to quickly charge the battery until it reaches up to 75% charge. The goal of this stage is to charge the battery as quickly as possible, in the most efficient way possible.
- 3  **CORRECTION AND ANALYSIS** - When the voltage reaches the maximum safe value (predefined), the MAGNETI MARELLI charger will automatically stop continuous fast charging and start impulse charging of the battery with a lower current. The purpose of this step is to fully charge the battery in a safe manner.
- 4  **CHARGING TO MAXIMUM STATE** - turn off During this stage, the MAGNETI MARELLI charger will turn off automatically when the battery is 100% charged. The charger will continuously monitor the battery voltage to decide whether to deliver a new charge or not. The purpose of this stage is to fully charge the battery without overcharging it.
- 5  **Maintenance Maintenance** - If the voltage drops below the pre-set level due to self-discharge of the battery, the MAGNETI MARELLI charger will start pulse charging at a low current to maintain the battery's fully charged state. The cycle repeats until the charger is in Maintain floating mode.

### Desulfation, fast charging, leveling, filling, maintenance

- |   |   |   |  |   |
|---|---|---|--|---|
| 1 <b>Desulfation</b><br><br>An impulse to regenerate a sulphated battery | 2 <b>fast charging</b><br><br>Loading battery in no time | 3 <b>alignment</b><br><br>Analyzes battery | 4 <b>filling</b><br><br>Mode battery monitoring | 5 <b>maintenance</b><br><br>Maintains optimal battery charge |
|---|---|---|--|---|



# Ultrasonic baths

Ultrasonic washing for maximum purity in less time than conventional washing such as hand washing, spraying or similar. Ultrasounds effectively remove impurities such as grinding pastes polishing, abrasive, shavings and chips, greases and cooling emulsions.

**Ultrasonic bath MU-100 capacity 10l**  
**dimensions of the washing chamber**  
**475x285x75 mm**  
007935018050



**Ultrasonic bath MU-14 capacity 1,4l**  
**dimensions of the washing chamber**  
**120x110x110 mm**  
007935018000



**Ultrasonic bath MU-150, capacity 15L**  
**dimensions of the washing chamber**  
**475x285x115 mm**  
007935018060



**Ultrasonic bath MU-230, capacity 23L**  
**dimensions of the washing chamber**  
**475x280x170 mm**  
007935018070



**Ultrasonic bath MU-25 capacity 2,5l**  
**dimensions of the washing chamber:**  
**270x120x70 mm**  
007935018010



**Ultrasonic bath MU-40 capacity 4l**  
**dimensions of the washing chamber**  
**480x115x70 mm**  
007935018020



**Ultrasonic bath MU-55 capacity 5,5l**  
**dimensions of the washing chamber**  
**300x280x70 mm**  
007935018030



**Ultrasonic bath MU-90 capacity 9l**  
**dimensions of the washing chamber**  
**300x280x120 mm**  
007935018040



**Multifrequency Ultrasonic Cleaning Tank For All The Components Of Common Rail Injectors - 14 Lt.**  
007950010400



## ACCESSORIES



- Container for parts to MU-100  
007935018130
- Container for parts to MU-14  
007935018080
- Container for parts to MU-150  
007935018140
- Container for parts to MU-230  
007935018150

- Container for parts to MU-25  
007935018090
- Container for parts to MU-40  
007935018100
- Container for parts to MU-55  
007935018110
- Container for parts to MU-90  
007935018120



# Magneti Marelli ES.3 Diesel & gasoline engine treatment unit

007935104650

## Device operation:

The ES.3 device guides the user step by step through the fuel system cleaning cycle. Informations are displayed on the LCD screen. Automatic operation mode that does not require mechanical intervention during the procedure of cleaning. Fuel pressure generated by the device is automatically adjusted to the pressure in the vehicle's fuel system. Power is supplied from a serviced vehicle - 12V.

## Device characteristics:

Automatic cleaning device for gasoline and diesel fuel systems in:

- motorcycle
- passenger cars
- light duty trucks
- heavy duty trucks
- buses
- marines

## Supported systems:

- Common-Rail
- Conventional Diesel
- Gasoline Direct Injection (G-DI, FSI, HPI, etc.)
- Conventional Fuel Injection (MPFI / TBI / CIS)
- Carburator
- LPG



## Device features:

- Dual-Tank system
- Automatic Pressure adjustment
- Adaptability to all makes and models
- Intake manifold cleaning with adapter unit1 (IMC.01)
- Diesel Particulate Filter cleaning with adapter unit1 (DPF.01)
- Automatic /manual functions
- On-Display guide with language localization
- Upgradeable & User-friendly
- Operating interface user-friendly
- Polish language Software
- Portable, Lightweight and Robust product

## Thanks to fuel system treatment device like ES.3, it is possible to:

- Exhaust emissions reduction more than 70%
- Maximum restoration of engine's performance
- Reduction of fuel consumption
- Common-Rail system cleaning
- High Pressure pump conditioning
- De-carbonization of the combustion chamber
- De-carbonizing of Intake Manifold and throttle body
- Optimum fuel combustion
- Blocked valves and piston rings release
- De-carbonization of the catalytic converter & DPF
- Fading of engine knocking
- Prevention of long term expensive repairs

## ACCESSORIES

Exclusive Fuel System  
Adapters Kit (Quick  
Connectors) / Available  
For All Types of Engines  
Configurations / ES  
Series & FST Tools

**007935101460**



Cleaning Fluid for DPF filters  
for ES.3 - 2 L

**007935101670**



Cleaning Fluid for ES.3  
(pack of 24 pieces)

**007935095490**



Set of adapters for DPF  
cleaning for ES.3

**007935100530**



Intake Manifold  
Cleaning Adapters Kit /  
ES Series

**007935101470**



# OXHYDRO Carbon Cleaner

007935200100

## Innovative solution for cleaning combustion residues from the engine

### APPLICATION: BENEFITS

The oxyhydrogen mixture produced by the device is introduced into the intake duct, mixing with the air drawn in through the filter. Its action starts in the combustion chamber, where, through a chemical process of pyrolysis that raises the combustion temperature,

it removes all residues from: piston head, cylinder, injector nose, valves, spark plugs, glow plugs, etc. without heating the metals, as the heat is concentrated in the exhaust gas. This heat, together with the moisture from the combustion of the gas, is expelled with the exhaust

gas, which is decarbonised after passing through: EGR valve, turbocharger, lambda probe, catalytic converter and FAP/DPF.

### DECARBONISATION AND CLEANING OF THE ENGINE

There are a number of reasons why carbon residues build up in a vehicle's engine. With HHO technology, the vehicle's performance can be restored easily, quickly and in an innovative way. The oxyhydrogen mixture has a remarkable cleaning capacity. In fact, electrolysis generates a gas that enables all sensitive engine parts to be cleaned in a matter of minutes.



**Compatible with all diesel, petrol, LPG and methane engines.**

- More power
- Reduced consumption
- Lower emissions and exhaust smoke



10-inch colour display



Mini VCI OBD



Dropper and dosing tube



Remote control programme

### FEATURES

- Dimensions: 68 x 110 x 50 cm
- Power supply: 220-240 V 50 Hz 16 A
- Power: 3500 W
- Display: 10" touchscreen
- Connection: Wi-fi / Bluetooth
- Generator: AISI 316L steel
- Weight: 120 Kg (empty tank)
- Tank capacity: 60 litres
- Consumption: 1.5 l/h
- Area of application: cars/ motors/trucks/agricultural vehicles/boats.



# Gasoline injectors tester Magneti Marelli GS2/GS4

## Device characteristics:

Automatic device for testing petrol injectors, including:

- Multi-point MPI injection
- Single-point TBI injection
- HPI, FSI direct injection, GDI in the low pressure range
- LPG
- CNG

Thanks to the GS series devices, it is possible to detect the causes of incorrect engine operation:

- Increased exhaust emission
  - Reduced engine performance (power, torque)
  - Increased fuel consumption
  - Failure of direct injection systems (leaks, pressure drop)
  - "Hard" engine idling, engine stalling
  - Problems with the engine starting
- Thanks to the use of illuminated (high brightness LED diodes) measurement tubes it is possible to observe and evaluate:
- Uniformity of the injected fuel jet
  - The shape of the fuel stream
  - Amount of fuel - iVM test.
  - (with an accuracy of  $\pm 1 \text{ ml} / 130 \text{ ml}$ )

## Features:

- Operating pressure: 0-10 bar
- Gasoline Direct Injectors tested up to 10 Bar
- Fully programmable Test-Plans
- Variable & Customizable Test-Plans
- Engine load Simulation Tests
- Ergonomic and dynamic and user-friendly design
- Short testing time required / Automatic function
- Ergonomic, robust, fast & simple injector clamping
- Spray and Volume test
- Injector Protection circuit
- Injector Reverse flush after
- U/Sonic cleaning

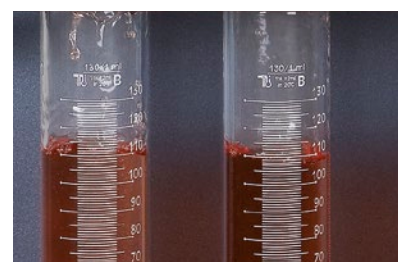


## STANDARD EQUIPMENT:

Standard Kit  
Set of Fuel Rail & Adapters  
for all makes and types of  
Top-Feed Injectors



Reverse flushing



Injection volume metering



Software



Gasoline injector calibration fluid,  
ultrasonic solvent



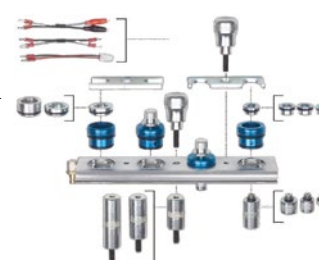
Ultrasonic bath

MM CODE	MODEL	DESCRIPTION
007935104610	GS4/10	GS4 petrol injector tester with ultrasonic cleaner, standard set of adapters, fluids
007935104620	GS4/20	GS4 petrol injector tester with ultrasonic cleaner, extended set of adapters, fluids
007935104630	GS8/10	GS8 petrol injector tester with ultrasonic cleaner, standard set of adapters, fluids
007935104640	GS8/20	Gasoline Injectors Tester With Ultrasonic Cleaner Gs2 Exclusive adapter kit

## Exclusive adapter set GS2/GS4

Exclusive set adapters for  
all top-powered ones and  
side injectors petrol,  
and CNG and LPG

**007935100475**



# GDRX injector tester

## Magneti Marelli

### 007935105960

State-of-the-art device for testing direct petrol injection systems (G-DI, FSI, HPI, JTS). The GDRX series, is characterised by its compact design and very intuitive operation. With a maximum operating pressure of 450 bar, they allow tests to be carried out on virtually all injectors on the market.

#### Device characteristics:

- Test of all types of electromagnetic and piezo injectors
- EU6 injector test with signal energy control
- Operating pressure up to 450 bar Electronic measuring system - dynamic XKM dose measurement
- Unique PIEZO stack regeneration function
- Free database update
- Operation in automatic mode
- Built-in 8" Android tablet
- Clearly presented and printable test results
- Adapter sets available to power all types of injectors, testing time per injector - 5-7 minutes

New operating programme with new features, including detailed description of the connection, possibility of creating a handy database. The ability to configure the device in the cloud, giving you access to reports, the current status of tester use and many other features.

#### GDRX accessory packages:

<b>X-Pack1</b>	----	GDi.ADAPTER-S-KIT.01, GDi. WIRES-KIT.01	S
<b>X-Pack2</b>	007935105480	UPL.10, BFK.01, GDI LP-KIT.02, RSP, GD1RX-sh.RSP	O

S - standard / O - option



# GDU4RX injector tester

## Magneti Marelli

### 007935104570

The most advanced device on the market for testing any petrol direct injection system. With a maximum operating pressure of 650 bar, they allow tests to be carried out on all injectors on the market. VDO injector coding activation option available

#### Device characteristics:

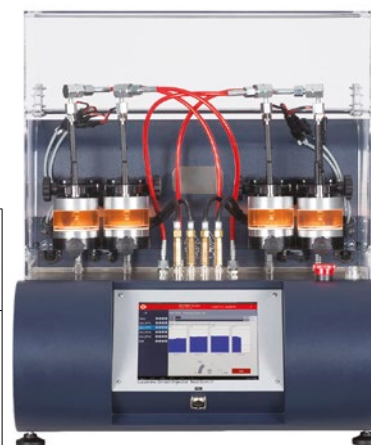
- Test of all types of electromagnetic and piezo injectors
- Operation of 4 injectors
- Working pressure up to 650 bar
- Electronic measurement system - dynamic XKM dose measurement
- Unique PIEZO stack regeneration function
- Free database update
- Operation in automatic mode
- Built-in 10" Android tablet
- Clearly presented and printable test results
- Adapter kits available to feed all types of injectors
- SIEMENS BMW injector coding function

GCC.06 (MM 007935103520) - SIEMENS  
BMW injector coding function - one-time software activation, for GDU4RX and GTB4RX.

#### GDU4RX accessory packages:

<b>X-Pack1</b>	----	(GDi.ADAPTER-S-KIT.01, GDi. WIRES-KIT.01 ) x4; UPL.11x1	S
<b>X-Pack2</b>	007935105440	GCC.06x1, GDU4rX-sh. RSP-1/2, GDU4rX-sh. RSP-3/4, RSPx4	O
<b>X-Pack3</b>	007935105480	(BFK.02, GDI LP-KIT.01, UB-15E, Y4L) x1, EXT.50x4	O

S - standard / O - option





# GTB4RX injector tester Magneti Marelli

GTB4RX air (MM: 007935104550)  
GTB4RX water (MM: 007935104560)

The latest GDI injection tester on the market. Professionals looking for advanced technology and broad application possibilities will particularly appreciate the device's capabilities. The GTB4RX test stand is a completely self-contained, free-standing, power-driven unit suitable for pressures up to 1,200 bar. The unit can handle all GDI injection systems. The GT- B4RX test bench is available with an air or water (mains connection required) cooling system.

With the GTB4RX series, it is possible to generate new codes for SIEMENS BMW injectors. In addition, it is possible to carry out a regeneration procedure for the piezo element in piezo injectors. Extensive database for all types of injectors. Free automatic software updates via Wi-Fi.

## Device characteristics:

- Test of all types of electromagnetic and piezo injectors
- Operation of 4 injectors
- Working pressure up to 1200 bar
- Electronic measurement system - dynamic XKM dose measurement
- Unique PIEZO stack regeneration function
- Free database update
- Operation in automatic mode
- Built-in 15" Android tablet
- Clearly presented and printable test results
- Adapter kits available to feed all types of injectors
- SIEMENS BMW injector coding function

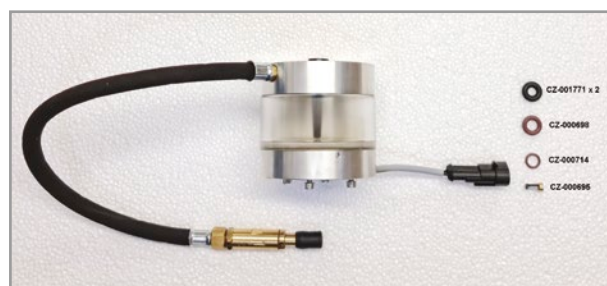
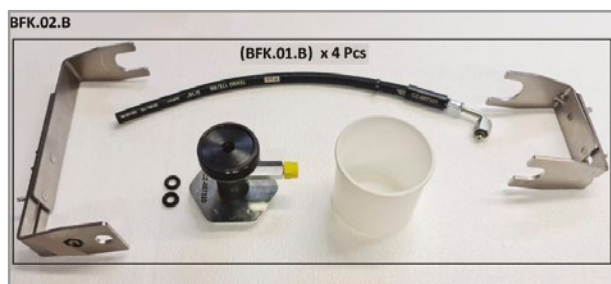
## GDU4RX accessory packages:

<b>X-Pack1</b>	----	(GDI.ADAPTER-S-KIT.01, GDI. WIRES-KIT.01)x4, UPL.11x1	S
<b>X-Pack2</b>	007935105360	GCC.06x1, RSPx4, GTB4rX-sh.RSP-1/2, GTB4rX-sh. RSP-3/4x1	O
<b>X-Pack3</b>	007935105370	(BFK.02, GDI LP-KIT.01, UB-15E, Y4L)x1, EXT.50x4	O

S - standard / O - option



## Accessories for petrol injector testers:





**+hybrid Electric**

**MAGNETI  
MARELLI**

PARTS & SERVICES

## ELECTRIC VEHICLE OPERATION

**+Electric**

**+hybrid Electric**



**+hybrid Electric**



# EVCheck 1000 / EVCheck 800 tester

## 007935013940 / 007935013950

The **EVCheck 1000** and **EVCheck 800** testers have been developed for the diagnosis of high-voltage ni-kel metal-hydrate and lithium-ion battery modules found in hybrid and electric vehicle brands such as: Toyota, Lexus, Honda and other manufacturers. The EVCheck 1000 allows simultaneous verification of up to 36 modules (EVCheck 800 up to 12 modules) consisting of 3 to 12 cells.

With the EVCheck 1000 or EVCheck 800 tester, it is possible to equalise the capacity of the cells by discharging and charging them to a specific voltage with high accuracy. During the diagnostic process, the tester stops charging the module where the temperature has exceeded a certain value. The devices are additionally equipped with short-circuit and polarity reversal protection. The battery diagnostic process runs in automatic mode. The process is controlled and monitored on the touch screen.

The diagnostic result is stored in the tester's memory, allowing a copy to be made to a USB memory stick.

### Advantages:

- ▶ automatic test mode
- ▶ battery protection against overheating
- ▶ simple and intuitive menu
- ▶ free software updates
- ▶ saving diagnostic results



### Technical characteristics

	EVCheck 800	EVCheck 1000
Supply voltage, V	230	
Mains type	Single-phase	
Maximum power consumption, kW	1,2	3,5
Dimensions (LxWxH), mm	640×320×225	1430×300×220
Weight, kg	20	53
Touch control	dotykowe	
Display	9"	

### Battery diagnostics (NiMH/NiMh)

Number of test channels of the module	12	36
Charge current, A	od 0,1 do 4,5	
Discharge current, A	od 0,1 do 5 (limited to 50W per channel)	od 0,1 do 6 (limited to 50W per channel)
Parameters measured	capacity, voltage, current, temperature	
Measurement accuracy:		
voltage	0,02%	
current	0,50%	

### Additional features

Protection against	- change of polarity - short circuit of connected wires - overheating
Saving diagnostic results	Available
Software update	Available

## Auxiliary lift trucks for engines and batteries

### MM E-LIFT 1.2 - Battery lift EV 1.2t

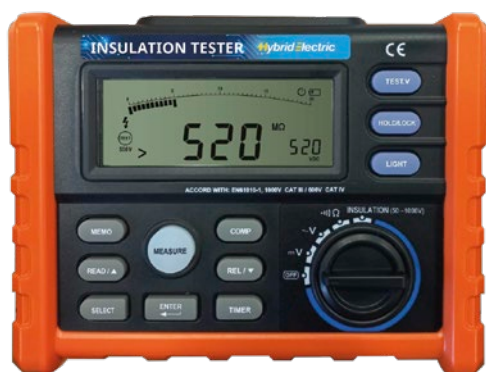
007935013840

### MM E-LIFT 1.0 - Battery lift EV 1t

007935013845

Special trucks equipped with a liftable and adjustable platform with a load capacity of 1,000 or 1,200 kg. They allow the operator easy access to the underside of the vehicle to remove the battery pack, engine and gearbox. Equipped with a remote control for convenient and safe operation and electrical isolation.

Model	MM E-LIFT 1.2	MM E-LIFT 1.0
Lifting capacity	1200 kg	1000kg
Lifting height	180 cm	180 cm
Minimum height	80 cm	45 cm
Platform length	175 cm	130 cm
Platform width	80 cm	90 cm
Power supply	230V	230V



007936347100

### High-voltage insulation teste

A simple and powerful tool that allows for:

- ▶ DC/AC voltage measurement
- ▶ Resistance measurement
- ▶ Insulation test

The ideal diagnostic device for reliable assessment of the technical condition of batteries and electrical systems fitted to hybrid and electric cars.



#### TECHNICAL SPECIFICATIONS

- ▶ Complies with IEC/EN 61010-1 standard 1000V CAT III 600V CAT IV
- ▶ Voltage: DC 1000 V - AC 750 V
- ▶ Voltage for insulation test: 50 V, 100 V, 250 V, 500 V, 1000 V
- ▶ Insulation short-circuit test current:
- ▶ Nominal 1.8 mA
- ▶ Insulation measurement range: 0.01 MΩ to 10.0 GΩ
- ▶ Power supply: 6 AA batteries (not supplied)
- ▶ Dimensions: 180 mm x 140 mm x 65 mm
- ▶ Weight: approx. 900 g (without battery)



# Repair tool kit for hybrid and electric vehicles

007935655020

## Tool case

- ▶ With profiled internal partitions
- ▶ Dimensions 375x305x55 mm



## KIT COMPONENTS



### Insulated sockets, ratchet and extension

- ▶ Category up to 1000V AC and 1500V DC IEC 60900
- ▶ PVC insulation in orange, with laser marking
- ▶ 6 pieces 3/8" insulated sockets, sizes 8/10/11/12/13/14 mm
- ▶ Insulated 3/8" double-action ratchet, 203 mm long
- ▶ Insulated 3/8" extension piece, 140 mm long



### Insulated open-end wrench

- ▶ Category up to 1000V AC and 1500V DC IEC 60900
- ▶ Insulated open-end wrench, size 10 mm



### Insulated Phillips screwdriver

- ▶ Category up to 1000V AC and 1500V DC IEC 60900.
- ▶ Insulated Phillips screwdriver 2x6x100 mm, length with handle 218 mm



### Insulated bent pliers

- ▶ Category up to 1000V AC and 1500V DC IEC 60900
- ▶ Pliers 200 mm



### Insulated flathead screwdriver

- ▶ Category up to 1000V AC and 1500V DC IEC 60900
- ▶ Insulated flathead screwdriver 1x5.5x125 mm, length including handle 232 mm IEC60900



### Insulating gloves

- ▶ Category III Class 0 (EN60903:2003/IEC60903:2014)
- ▶ Made from 1.6 mm thick natural latex rubber



### Insulation mat

- ▶ Nominal length, width and thickness: 100x100x0.4 mm



### Protective helmet with visor

- ▶ UV-stabilised high-density polyethylene (HDPE) helmet, extremely resistant, insulated up to 1000V AC or 1500 VDC.
- ▶ Compliant with Regulation (EU) 2016/425 as amended and meeting the requirements of EN397, EN50365, EN13463, it has been classified as Category III PPE.
- ▶ Push-Key 4-point harness with fabric straps adjustable via zipper for high stability
- ▶ Built-in holes for face protection attachment
- ▶ Rear adjustment using a point tape from 52 to 62 cm

### Protective visor

- ▶ Polycarbonate arc protection visor with a frame with holes for putting on a helmet
- ▶ Thickness 1.5mm, size 190x430mm, protection against liquid splashes, electric arc due to short circuit, molten metals hot solids
- ▶ The product has been designed and manufactured in accordance with Regulation (EU)2016/425, as amended. It meets the requirements set out in EN166 and EN170 standards and has been classified as Category II PPE.

## +hybrid Electric

### 0079510240555 **SERVICE STATION MARKING KIT**

It contains the materials needed to create an area where hybrid and electric cars can be repaired.

#### THE KIT INCLUDES:

- ▶ Wall sticker 750x50 cm
- ▶ Floor stickers 300x10cm 10 pcs.
- ▶ Floor stickers 300x20.4 cm
- ▶ Warning posts 90 cm 8 pcs.
- ▶ Red and white chain, 20 m



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+hybrid Electric

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MARELLI**

+hybrid Electric

checkstar

- Elettrauto •
- Meccanico •
- Gommista •
- Climatizzazione •
- Tagliandi •
- +hybrid Electric •

**099510240755**  
Totem plaque  
First series

**099510240555**  
Totem plaque new

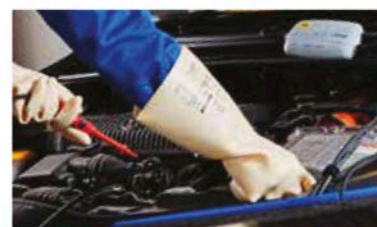
+hybrid Electric

+hybrid Electric

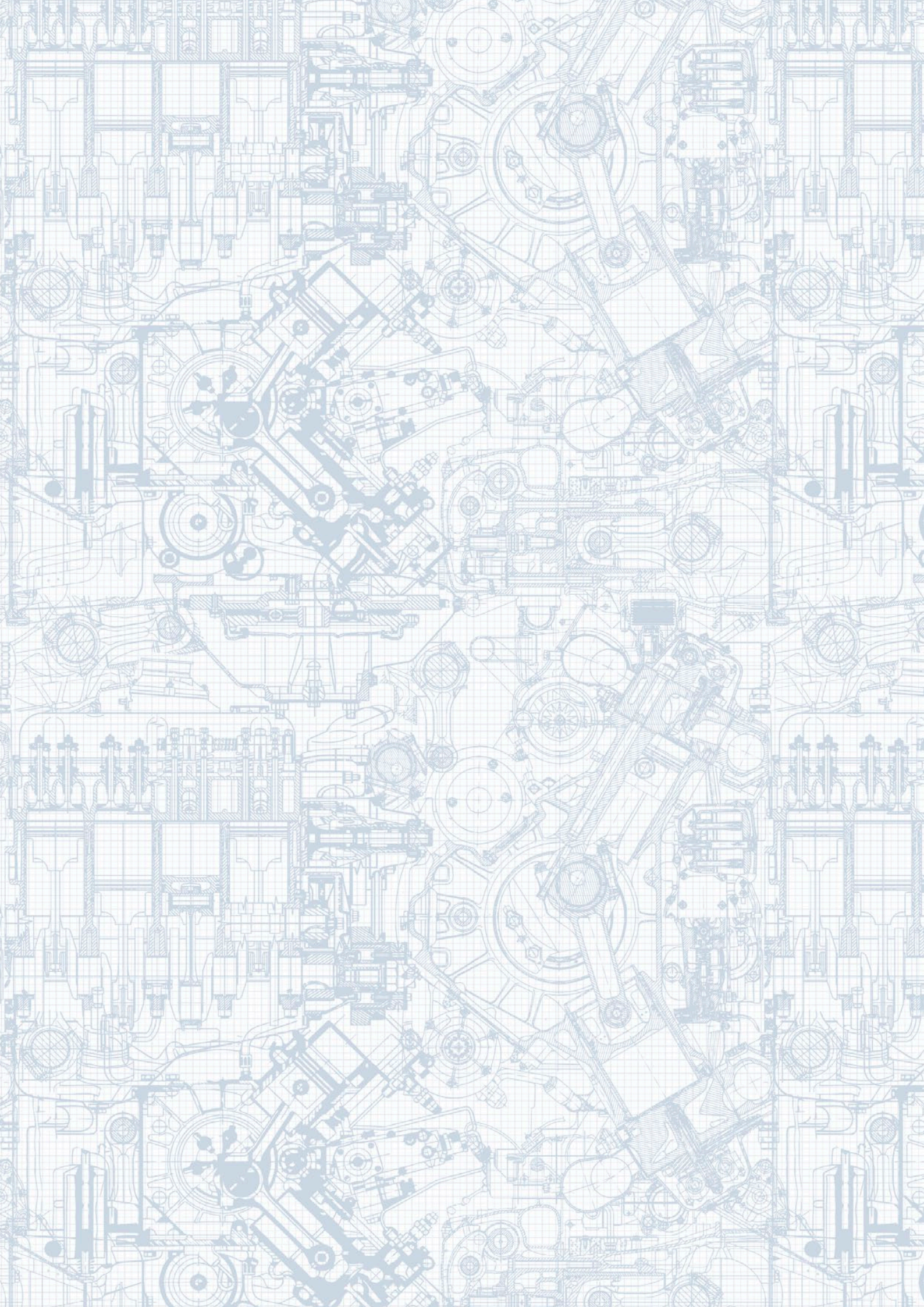
+hybrid Electric

## MAGNETI MARELLI CAMPUS

- ▶ On-site training
- ▶ Online training available  
at [www.magnetimarelli-campus.com](http://www.magnetimarelli-campus.com).
- ▶ Monographs on hybrid and electric cars
- ▶ PES-PAV-PEI certification









**MAGNETI  
MARELLI**

PARTS & SERVICES

## Air conditioning





# Alaska Prime H / Alaska Prime R

## Air Conditioning Service Units

### Air Conditioning Service Units

The new range of A/C service units, ALASKA PRIME and EVO, meets all the technical needs of professional service technicians for the maintenance and repair of air conditioning systems, including those on hybrid and electric vehicles.

The range consists of four models, ALASKA PRIME R for R134a gas, ALASKA PRIME H for HFO1234yf gas, and ALASKA EVO R for R134a gas and ALASKA EVO H for HFO1234yf gas.

The new ALASKA range includes a number of features specially designed to make A/C service more efficient, simple to use and friendly to the environment and surroundings.

**SECURE CHARGE:** It ensures that the A/C system is filled regardless of its capacity and ambient temperature.



Made in Italy



## Key benefits



Effective A/C system filling procedure, regardless of ambient temperature.



USB interface for software updates and remote diagnostics.



Ultra compact size, ideal as a mobile solution.



Database with free biannual update

alaska  
prime

**SECURE CHARGE:** It ensures that the A/C system is filled regardless of its capacity and ambient temperature.

**VACUUM PUMP OIL REGENERATION:** The internal vacuum pump cleaning process has significantly extended the oil change intervals (up to 1000 hours), significantly reducing maintenance costs.

**ECO QUICK COUPLERS:** No refrigerant leaks thanks to the total recovery of the gas from hoses and quick connect fittings.

**AUTOMATIC CYLINDER VENTING:** Thanks to the automatic discharge of non-condensable gases, only pure refrigerant is contained in the inner cylinder

**REMOTE ASSISTANCE:** With Wi-Fi connectivity and Alaska MANAGER software, an authorized technician can take control of the device remotely and provide the right support or operation through a special function with a unique code generated by the device.



Made  
in Italy



## FEATURES

- ▶ Safe fill | Reconditioning the vacuum pump oil
- ▶ LCD display
- ▶ Metal housing
- ▶ Built-in database with 2 year free upgrade
- ▶ Automatic Air Purge
- ▶ 2 oil tanks: (1 for new oil, 1 for used oil)
- ▶ Remote assistance (USB)

## SPECIFICATIONS

- ▶ Dimensions: 532 x 617 x 957 mm
- ▶ Weight 65 kg
- ▶ Cylinder capacity: 12 l
- ▶ OPTIONAL:

Eco quick couplers

Thermal printer for printing service reports

Service kit for hybrid and electric vehicles

Nitrogen leak test or hydrogen leak test kit

Gas Identifier

Dedicated database for agricultural and construction machinery (for Prime R only)

## Alaska Prime R | Alaska Prime H

Alaska Prime A/C service units offer a wide range of applications thanks to their compact dimensions and low weight.

With Alaska Prime R (R134a) and Alaska Prime H (R1234yf), you can achieve the highest level of service for your air-conditioning systems without major investment, while ensuring maximum environmental responsibility.

These units are characterised by a high level of precision and outstanding robustness, which, combined with their compact size, make them ideal for mobile use. Their operation is simple and intuitive, minimizing the risk of damage to the vehicle being operated or the unit itself. With an optional database dedicated to agricultural and construction machines, it is the ideal tool for mobile heavy equipment service. In this case, it may be helpful to use an additional service hose extension kit to connect in a variety of hard-to-reach areas.



# Alaska EVO H / Alaska EVO R

## Air Conditioning Service Units

### Air Conditioning Service Units

The new range of A/C service units, ALASKA PRIME and EVO, meets all the technical needs of professional service technicians for the maintenance and repair of air conditioning systems, including those on hybrid and electric vehicles.

The range consists of four models, ALASKA PRIME R for R134a gas, ALASKA PRIME H for HFO1234yf gas, and ALASKA EVO R for R134a gas and ALASKA EVO H for HFO1234yf gas.

The new ALASKA range includes a number of features specially designed to make A/C service more efficient, simple to use and friendly to the environment and surroundings.

**SECURE CHARGE:** It ensures that the A/C system is filled regardless of its capacity and ambient temperature.



Made in Italy



## Key benefits



Effective A/C system filling procedure, regardless of ambient temperature.



USB interface for software updates and remote diagnostics.



Ultra compact size, ideal as a mobile solution.



Database with a free 2-year update

alaska  
evo

- ✓ **SECURE CHARGE:** It ensures that the A/C system is filled regardless of its capacity and ambient temperature.
- ✓ **VACUUM PUMP OIL REGENERATION:** The internal vacuum pump cleaning process has significantly extended the oil change intervals (up to 1000 hours), significantly reducing maintenance costs.
- ✓ **ECO QUICK COUPLERS:** No refrigerant leaks thanks to the total recovery of the gas from hoses and quick connect fittings.
- ✓ **AUTOMATIC CYLINDER VENTING:** Thanks to the automatic discharge of non-condensable gases, only pure refrigerant is contained in the inner cylinder
- ✓ **REMOTE ASSISTANCE:** With Wi-Fi connectivity and Alaska **MANAGER** software, an authorized technician can take control of the device remotely and provide the right support or operation through a special function with a unique code generated by the device.



## CECHY

- ▶ Safe fill | Reconditioning the vacuum pump oil
- ▶ 7" high resolution touch screen display
- ▶ One-Touch cover opening
- ▶ Built-in database
- ▶ Automatic Air Purge
- ▶ 2 oil containers: (1 for new oil, 1 for used oil)
- ▶ REMOTE ASSISTANCE - Wi-Fi

## SPECIFICATIONS

- ▶ Dimensions: 620 x 720 x 1090 mm
- ▶ Weight: 74 kg
- ▶ Cylinder capacity: 12 l
- ▶ OPTIONAL:

Eco quick couplers

Thermal printer for printing service reports

Service kit for hybrid and electric vehicles

Nitrogen leak test or hydrogen leak test kit

Gas Identifier

Dedicated database for agricultural and construction machinery (for EVO R only)

## Alaska EVO H | Alaska EVO R

Alaska Prime A/C service units offer a wide range of applications thanks to their compact dimensions and low weight

With Alaska Prime R (R134a) and Alaska Prime H (R1234yf), you can achieve the highest level of service for your air-conditioning systems without major investment, while ensuring maximum environmental responsibility.

These units are characterised by a high level of precision and outstanding robustness, which, combined with their compact size, make them ideal for mobile use. Their operation is simple and intuitive, minimizing the risk of damage to the vehicle being operated or the unit itself. With an optional database dedicated to agricultural and construction machines, it is the ideal tool for mobile heavy equipment service. In this case, it may be helpful to use an additional service hose extension kit to connect in a variety of hard-to-reach areas.



# Air Conditioning Service Units



	ALASKA PRIME R (007936701000)	ALASKA PRIME H (007936701010)	ALASKA EVO R (007936701020)	ALASKA EVO H (007936701030)
Gas type	R134a	R1234yf	R134a	R1234yf
High performance vacuum pump	50 l/min , 0,02 mbar	50 l/min , 0,02 mbar	50 l/min , 0,02 mbar	50 l/min , 0,02 mbar
Cylinder capacity	12 l	12 l	12 l	12 l
Compressor displacement	8 cc	8 cc	14 cc	14 cc
Dryer filter capacity (amount of recovered gas)	50 kg	50 kg	100 kg	100 kg
Recovery	>95%	>95%	>95%	>95%
Pressure sensors	LP	LP	LP	LP
Oil containers	2 (new oil, used oil)	2 (new oil, used oil)	2 (new oil, used oil)	2 (new oil, used oil)
Oil scales	NONE	NONE	YES	YES
Operating temperature	10°C + 50°C	10°C + 50°C	10°C + 50°C	10°C + 50°C
Power supply	230 V, 50 Hz, 800 W	230 V, 50 Hz, 800 W	230 V, 50 Hz, 800 W	230 V, 50 Hz, 800 W
Length of hoses	3 m	3 m	4,5 m	4,5 m
Display	black and white 35x200 mm 4 lines/30 charac-ters	black and white 35x200 mm 4 lines/30 charac-ters	7" colour touch screen	7" colour touch screen
Keyboard	4 arrow buttons, OK, ESC	4 arrow buttons, OK, ESC	touch screen	touch screen
Menu languages	25	25	25	25
Warranty	24 months	24 months	24 months	24 months
Certificates	CE, PED	CE, PED	CE, PED	CE, PED
Automatic air purge	Automatic / manual valve	Automatically / manually from the menu	Automatically / manually from the menu	Automatically / manually from the menu
Service report printout	USB (pdf)	USB (pdf)	Wi-Fi/e-mail/USB (pdf)	Wi-Fi/e-mail/USB (pdf)
Automatic refrigerant recovery and delivery	✓	✓	✓	✓
Automatic oil recovery from the system	✓	✓	✓	✓
Manual operation mode	✓	✓	✓	✓
Automatic service hose compensation	✓	✓	✓	✓
Secure Charge filling function	✓	✓	✓	✓
Reconditioning the vacuum pump oil	✓	✓	✓	✓
A/C performance test	✓	✓	✓	✓
Cylinder pressure reading	✓	✓	✓	✓
Gas Identifier	USB	USB	Wi-Fi	Wi-Fi
Wireless connectivity	007936701140 OPTIONAL (BT)	007936701140 OPTIONAL (BT)	✓	✓
Hermetically sealed containers (Humidity Stop)	007936701240 OPTIONAL	007936701240 OPTIONAL	007936701240 OPTIONAL	007936701240 OPTIONAL
Service hose extension kit - 3.5 m	007936701080 OPTIONAL	007936701080 OPTIONAL	007936701080 OPTIONAL	007936701080 OPTIONAL
Eco quick couplers	007936701220 OPTIONAL	007936701230 OPTIONAL	007936701220 OPTIONAL	007936701230 OPTIONAL
Gas Identifier	007936701170 OPTIONAL	007936701170 OPTIONAL	007936701180 OPTIONAL	007936701180 OPTIONAL
Service kit for electric and hybrid vehicles	007936701110 OPTIONAL	007936701110 OPTIONAL	007936701100 OPTIONAL	007936701100 OPTIONAL
Nitrogen leak testing kit without a detector	007936701200 OPTIONAL	NO	007936701200 OPTIONAL	NO
Hydrogen leak detection kit	007936701090 OPTIONAL	007936701090 OPTIONAL	007936701090 OPTIONAL	007936701090 OPTIONAL
USB/Wi-Fi/Bluetooth interface for remote diagnostics, database and software updates.	007950025880 OPTIONAL	007950025880 OPTIONAL	007950025880 OPTIONAL	007950025880 OPTIONAL
Protective cover	007936701070 OPTIONAL	007936701070 OPTIONAL	007936701190 OPTIONAL	007936701190 OPTIONAL
Thermal printer	007936701120 OPTIONAL	007936701120 OPTIONAL	007936701130 OPTIONAL	007936701130 OPTIONAL
Thermal printer	007936701150 OPTIONAL	007936701150 OPTIONAL	007936701160 OPTIONAL	007936701160 OPTIONAL

Filter ALASKA PRIME  
007936701050



USB Database Upgrade for ALASKA PRIME / Database AGRI  
007936701070

USB Database Upgrade for ALASKA EVO  
(CARS) - online  
007936701190

USB Database Upgrade AGRI for ALASKA EVO  
(only R) - USB  
007936701200



Alaska Prime / EVO extension cable set  
007936701080



Nitrogen tightness test kit  
Alaska Prime / EVO  
007936701090



ALASKA EVO hybrid car service kit  
(includes tank and activation code)  
007936701100

ALASKA PRIME hybrid car service kit  
(includes tank, activation code and cable connector)  
007936701110



Bluetooth kit for ALASKA PRIME  
007936701140



Printer for ALASKA PRIME  
007936701150  
Printer for ALASKA EVO  
007936701160



Refrigerant ID to ALASKA PRIME  
007936701170



Coolant ID for ALASKA EVO  
007936701180



ECO quick coupler set for R134 Alaska Prime / EVO  
007936701220  
Sada rychlospojek ECO dla R1234yf Alaska Prime / EVO  
007936701230



ECO quick coupler set for R1234yf Alaska Prime / EVO  
007936701240



Container with silicone cartridge  
in oil container (3 pcs)  
007936701250



Refrigerant ID filter  
007936701620



Universal vacuum pump oil 0,5L  
for all vacuum pumps  
007935090600



Universal vacuum pump oil 1L  
for all vacuum pumps  
007950024880



Filter drier for ALASKA EVO  
007936701040



Safety cover for ALASKA PRIME  
007936701120



Safety cover for ALASKA EVO  
007936701130





# ACCHECK500

## Test bench for electric air conditioning compressors

007935013920

### Adapter kit for ACCHECK500

additional kit contains 38 cables and adapters

007935013930

## Diagnostic station for automotive air conditioning electrical compressors

### CAPACITIES:

- Allows testing of compressors with an operating range of 200 V to 400 V DC
- Electromagnetic diagnosis of the clutch and control valves, whether assembled with the compressor or separately from it;
- Start-up and test of regenerated compressors;
- Pre-sales check of new compressors-analogue;
- Generation and printing of a test report on an external printer.

### ADVANTAGES:

- Test bench operation on refrigerants R134 or R1234yf;
- Two diagnostic modes: automatic and manual;
- User-friendly and intuitive touch screen menu;
- Free automatic firmware update;
- Ability to record and print diagnostic results;



A kit of data cables (Figure 1) and power cables (Figure 2) are supplied with the station.



Figure 1



Figure 2

Main	
Supply voltage, V	230
Mains type	Single-phase
Mains frequency, Hz	50/60
Power consumption, kW	3
Dimensions (LxWxH), mm	740×600×550
Weight, kg	40

### Kit - The equipment supply kit includes:

Name	Number, pcs.
ACCHECK500 station	1
Kit of data and power cables - 8 pieces included	8
Station operation kit	1
User manual	1
Compressors tested	
Equipment tested	With 2-pin high-voltage connector. (Units with integrated inverter)
Supply voltage of tested devices, V	200 to 400
Working gas	Compressed nitrogen (external source)
Operating pressure of nitrogen source	6.8 Bar (90..110 psi)
Nitrogen consumption	100 l/one test
Nitrogen recovery	No, the exhaust gases are discharged into the atmosphere
Nitrogen connection	SAE 1/4"
Additional	
Software update	Yes
Internet connection	Ethernet
Connecting a flash drive	USB Type-C

# ACCHECK600

## A/C compressor test bench

007935013900

### Adapter kit

### for ACCHECK600

**44 adapters/wires included**

H-series (voltage) cables - 17 pcs.

D-series (information) cables - 15 pcs.

Adapters (HP - high pressure; LP - low pressure) - 12 pcs.



007935013910

## Diagnostic station for automotive air conditioning compressors

The ACCHECK600 test station is designed for diagnosing electric air conditioning compressors in hybrid and electric vehicles. Diagnostics on all types of 12/24V belt-driven vehicle compressors. The testing process is automated: simply secure the compressor, connect the cables and adapters and then start the test. The station will detect potential problems and measure compressor performance and functionality. Compressed nitrogen is used as the working medium.

### ADVANTAGES:

- Easy connection of the compressor with special cables and fittings;
- The compressor test takes no longer than two minutes;
- Nitrogen is safe for the environment;
- Simple, intuitive control panel menu;
- The automatic diagnostic mode includes:  
checking for short circuits in the low voltage system and high voltage parts of the inverter;  
measuring the compressor performance and comparing it with a reference value from the database;
- Free software updates

Main	
Supply voltage, V	400
Mains type	Three-phase
Drive power, kW	5.5
Dimensions (LxWxH), mm	900×570×1280
Weight, kg	183
Refrigerant used	R134a, R1234yf
Refrigerant filtration	Yes (1 µm2)
Amount of refrigerant in the system, g	R134a – 1100, R1234yf – 1050
Station complement	External station
Type of refill guns	Car HP or LP
Oil used	PAG46yf
Quantity of oil in the system, g	200
Compressor test	
Rated voltage of tested units, V	12, 24
Drive speed, rpm	od 0 do 3000
Drive speed control	Stepless/stepwise
Compressor drive type	V-belt/multi-v-belt
Device bus vacuum	Yes
Refrigerant evacuation from the unit	Yes
Output parameters	HP, bar; LP, bar; Tcompressor, °C; Tevaporator, °C; Pulse width modulation %.
Additionally	
Printing results	Yes
Software update	Yes
Saving diagnostic results	Yes
Connecting peripheral devices	2 x USB 2.0
Internet connection	Ethernet, Wi-Fi (802.11 a/b/g/ac)



Heating Belt For Container 12,5 L Clima Tech Plus/Hd/Evo/Top/Next/Alaska 007935090760  
Heating Belt For Container 27,2 L Clima Tech Plus/Hd/Evo/Top/Next/Alaska 007935090770



Printer For Station Evolution Plus/Hd/Next/Alaska Start 007935096320  
Printer For Station Alaska Start HFO/Alaska BUS 007950015510



Mm6F / Mm7F Service Kit (Filter+Oil)  
007950024110

Air Check / Clima Tech / Next Service Kit (Filter+Oil) Suitable for all AC Machines Magneti Marelli+Bosch ACS 500,450,400,Silvertronic,Tronic, Delphi-series Refmatic)  
007950024130



Filter Robinair Spx Valeo Dimension 76 mm Length 275 mm 007950025050



Filter Robinair Spx Valeo Dimension 90 mm Length 294 mm, M1/4"xM1/4" (ClimFill - Auto and Advance)  
007950025060



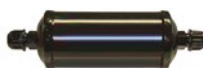
Filter Texa Dimension 76 mm Length 240 mm Connector M3/8"x M3/8"(series 6xx)  
007950025070



Filter Texa Dimension 76 mm Length 240 mm Connector M3/8"x M3/8"(series 7xx)  
007950025560



Filter Brainbee/Valeo(BrainBee CLIMA 8000, 8250, 8500, 9000, 9000BUS,CLIMA FILL PROFIL,CLIMA FILL MAXI)  
007950025920



Filter Brainbee dimension 76 mm length 160 mm, M1/4"xM1/4" (Brain Bee CLIMA 6000, 6000 EVO,CLIMA FILL EASY)  
007950025930



Filter for Magneti Marelli, Bosch ACS 500, 450, 400, Silvertronic, Tronic, Delphi-series Refmatic stations, ø 76mm, 230mm long, 3/8" connectors  
007950025055



Vacuum Pump Oil 0,5 l For Diffrent Air Conditioning Stations 007935090600  
Vacuum Pump Oil 1,0 l For Diffrent Air Conditioning Stations 007950024880  
Vacuum pump oil 5 l, general purpose for all vacuum pumps 007950026580



Safety nitrogen connector for Clima Top Next station and ALASKA series stations (without ALASKA START)  
007935090850



12-month service extension on all A/C service units (up to 1 week after purchase)  
099994910040



2023/2024 Book Database  
007935090895



USB Database Upgrade for Ct Top Next/Ct Top Maxi 2023  
007935090891



Station Database Upgrade for Clima Tech Mobile/ Evolution/Alaska Start 2023 - Memory Card  
007935090870



New Oil Or Uv Container For Clima Tech Plus / Hd / Evo/ Top / Next 007935096230  
Oil drain container for Clima Tech Plus/Hd/Evo (not for CT Top Next) 007935097100



Oil Drain Container for Matic/Plus old series/Mobile (round)  
007950013570



Oil injection container for Matic/ old series Plus/Mobile  
007935090915  
007935096770



R1234YFRefrigerant Station Conversion Kit from R134A Refrigerant (For Next Line)  
007935090865  
Kit for converting to R1234YF refrigerant from R134A Alaska Start HFO/Alaska BUS  
007950015580  
Hfo 1234yf Conversion Kit (For Next Line)  
007935090860



Kit For Covering Hybrid Cars For Clima Tech Plus/Hd Next  
007935090835



Gas analyser for the Alaska Start HFO/Alaska Premium HFO air conditioning service station  
007950015690



Additional Set For A/C Flushing For A/C Machines  
007950024060



Refrigerant recovery device with oil separator 134a / R1234yf and others  
007936211345



- recovery up to 6 kg / min! high efficiency and fast recovery process
- work on all refrigerants and oil separation
- reliable ball valves, handy and light
- Cat.III: R-1 2, R-1 34a, R-401C, R-406A, R-500, HFO-1 234yf
- Cat IV refrigerants: R-22, R-401A, R-401 B, R-402B, R-407C, R-407D, R-408A, R-409A, R-41 1A, R-41 1B, R-41 2A, R-502, R-509 Cat V: R-402A, R-404A, R-407A, R-407B, R-410A, R-507, R32
- Voltage 220-240 VAC 50/60 Hz 1 10-1 27 VAC 60 Hz 100 VAC 50/60 Hz 1 10/220 VAC 50/60 Hz,
- Compressor 1/2 HP oil-free, maximum current 4A 50Hz, 8A 60Hz,
- 38 bar / 550 psi high pressure switch
- Angle. III Cat. IV Cat. V
- Recovery capacity Steam 0.23 kg / min 0.25 kg / min 0.26 kg / min
- Liquid 1.57 kg / min 1.81 kg / min 1.85 kg / min
- Push / Pull 4.64 kg / min 5.57 kg / min 6.22 kg / min
- Optional low pressure switch
- Working temperature 0-40 ° C
- Housing impact-resistant polyethylene blow molded
- Dimensions 485 mm long x 220 mm wide x 365 mm high

# REFPRO 5.0

Portable 1234yf / r134a refrigerant analyser with integrated REFPRO 5.0 printer

007936211470

**MAGNETI  
MARELLI**

PARTS & SERVICES

[www.wyposazeniemm.pl](http://www.wyposazeniemm.pl)

**COMPLIES  
WITH J2912**

**LEGIBLE  
PRINTOUT**

**FAST AND  
ACCURATE  
DIAGNOSIS**

**2-YEAR WARRANTY**

## Portable 1234yf / r134a refrigerant analyser with integrated REFPRO 5.0 printer.

007936211470

The REFPRO 5.0 refrigerant analyser uses state-of-the-art infrared (NDIR) technology to provide rapid refrigerant analysis. Designed for accurate analysis of 1234yf and r134a, this equipment can identify R-1234yf, R-134a, HC, moisture and air as contaminants. It even detects dangerous illegal substitutions and mixtures, including propane and butane.

### TECHNICAL DATA:

- 4,3-inch colour touch screen,
- 230V/12V power supply
- thermal printer,
- internal rinsing chamber,
- information about the type of gas
- information on the percentage of gases
- power cables the set contains: carrying case
- connector for r134a refrigerant

- quick-connect coupling for replacing gas connectors
- manual
- Quick and accurate determination of refrigerant purity
- Display of percentage concentration of R1234Yf, R134a, R22 and hydrocarbons
- Improved oil resistance (replaceable oil restrictor)

### SPECIFICATION:

- Refrigerants tested: R1234yf, R134a
- Accuracy better than (+/-) 1.0%
- Displayed percentage concentration: R1234yf, R134a HC
- Temperature range: 10°C to 50°C
- 230V/12V power supply (battery terminals)
- the set contains: carrying case
- Communication protocols: USB 2.0
- User interface: LCD + 3 buttons
- Certifications: CE, SAE
- Integral calibration pump: YES
- Oil contamination: Replaceable oil restrictor



# Ozonator M-MX PRO

007936211355



Ozone is a powerful oxidizer that removes all impurities in the passenger compartment. It effectively removes and eliminates unpleasant odours as well as fungi, bacteria and viruses that can be harmful to our health. The device, thanks to its high efficiency of 15,000 mg//h, confirmed by a certificate, is perfect for buses and large vehicle passenger compartments, and can be used for quick disinfection of passenger compartments of smaller internal volume. It is also suitable for ozonisation of rooms in buildings. The device is equipped with a printer with print personalization and a sensor that dynamically controls ozone concentration in the area being disinfected. The TFT touch display makes operation and parameter change easy and convenient.



## Technical specifications:

- Ozone generator capacity: 15,000 mg/h;
- Fan capacity: 165 m3/h
- Programmable counter statuses: 1 to 60 min;
- Infinity; Operation with/without concentration measurement
- Atmospheric operating conditions: 100±4 Kpa;
- Progress indicator lamps: 3-colour LED
- Operating environment temperature range: 5 to 40°C;
- Relative humidity of the operating environment: 80%;
- Ozone generation method: corona discharge on a ceramic plate
- Printer with data personalisation
- Ozone concentration sensor 0 to 20 ppm measuring dynamically (forced gas circulation)
- Measurement accuracy: +/- 0.01 ppm
- Inlet air filter: HEPA
- Enclosure material: stainless steel
- TFT colour LED display
- Weight: 5 kg
- Power supply: 240 V



007936211355

## APPLICATION:

- Automotive (cars, buses, caravans, campers, etc.)
- Kitchens
- Hotel and motel rooms
- Hospitals, medical studies, analytical laboratories
- Dental testing and laboratory rooms
- Public areas
- General pet odours
- Cigarettes

## BENEFITS:

- Elimination of unpleasant indoor odours (including tobacco smoke)
- Simple and effective use
- Durability of the system allowing for long life and use of the device
- Powerful biocidal and oxidizing effect
- Susceptibility of enveloped viruses to ozone
- Thorough disinfection thanks to the use of gas
- Penetration of porous surfaces
- Adapting to the standards visible in other facilities

[www.wyposazeniemm.pl](http://www.wyposazeniemm.pl)  
[www.magnetimarelli-checkstar.pl](http://www.magnetimarelli-checkstar.pl)

# Ozonizer MX-4000

Highest ozone production efficiency,  
confirmed by long experience!

007936210010

**MAGNETI  
MARELLI**

PARTS & SERVICES

[www.wyposazeniemm.pl](http://www.wyposazeniemm.pl)



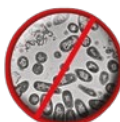
**4000  
mg/h**



## Ozonator MX4000

- ozone production device

007936210010



By ionising the atmospheric air, the MX4000 device produces an unstable allotropic form of oxygen – ozone O<sub>3</sub>. Ozone, as a very strong oxidiser, removes all contaminations from the cabin. It removes residual water collecting on the floor covering and A/C system evaporator. It also eliminates unpleasant odours as well as fungi, bacteria and viruses dangerous to our health. Due to its high level of efficiency – over 4000 mg/h – the device works well for buses and larger vehicle cabins, it also enables much quicker decontamination of passenger cars. Ozone (O<sub>3</sub>) is a part of atmospheric air, generated as an effect of ultraviolet radiation. Ozone is heavier than air, unstable and quickly decomposing. The decomposition process contributes to the increase of air temperature, humidity and pollution. Ozone decomposes in water quicker than in the air. In its gaseous form, ozone is transparent, with a blue tint in thicker layers. Liquid ozone is dark blue, solid state – nearly black. Ozone is very strong oxidant, much more potent than regular oxygen.

- Ozone generator efficiency: 4000 mg/h
- External pump capacity: 10-15 l/min
- Programmable counter states: 1-60 min
- Pressure generated by the pump: 17 Kpa
- Working environment: inside well-ventilated rooms without corrosive gases
- Atmospheric operation conditions: 100±4 Kpa
- Operating temperature range: 5-40 °C
- Operating relative humidity: <80%
- Ozone generation method: corona discharges
- Outlet conduit diameter: 8 mm
- Power supply: AC 220-240V 50Hz

**You Tube**





# BACTOBAN

## 007936211125 ultrasonic disinfection device

**Bactoban** - an innovative device for cleaning air-conditioning systems in passenger cars, agricultural machines, construction machines and trucks with the use of chemical substances.

**BACTOBAN** is an efficient ultrasonic device for refreshing air-conditioning systems and vehicle interiors, designed to use ultrasound to break down a dedicated disinfectant liquid to vapour with particles from 2 to 3 microns.

### PARAMETERS:

- Supply voltage 230 V
- Capacity >300 ml/h
- Operating temperature 5 °C – 55 °C
- Particle diameter 2-3 µm
- Sound signalling for processes
- Control panel
- Overheating protection
- Low liquid level protection
- Possibility to use all liquids available on the market

### INCLUDED IN THE KIT:

- Fungus removal device
- Exhaust chimney
- Equipment
- Power cord
- Warranty 24 months
- Operating instructions
- Packaging
- CE declaration

**230 V**

OVERHEATING  
PROTECTION

**300  
MI/h**

SOUND  
SIGNALLING  
FOR PROCESSES

**5-55  
°C**

CONTROL  
PANEL

**2-3  
µm**

**1,5  
kg**



A set of Refreshing Liquides for an ultrasonic device - 3 fragrances- 12 pcs (4 pcs each)

007950026530

Refreshing Liquide for Ultrasonic Device

- „Pine“ - 250ml - 12pcs

007950025350

Refreshing Liquide for Ultrasonic Device

- „Lavenda“ - 250ml - 12pcs

007950025360

Refreshing Liquide for Ultrasonic Device

- „Musk“ - 250ml - 12pcs

007950025370



Set Of 2 Decontamination Sprays 100 ml Foam and 150 ml “Granate”

007950024870



The Magneti Marelli refreshing spray is a guarantee of a fresh smell and hygienic and clean car cabin. The disposable “grenade” is used to quickly remove bacteria, fungi and refresh the smell in the cabin.

Decontamination Spray

- Singel-Use “Granate” 200 ml Lavenda

007950024020

Decontamination Spray - Singel-Use

“Granate” 200 ml Pine

007950024021

Decontamination Spray - Singel-Use

“Granate” 200 ml Musk

007950024022

Decontamination Spray - Singel-Use

“Granate” 200 ml Podwer

007950026510

Decontamination Spray - Singel-Use

“Granate” 200 ml Vanilla

007950026520



Refreshing liquid 5000 ml

007950025150



Cleaning Spray For Condenser 400 ml (2 pieces)

007950024050



Fluid For Ultrasonic Nebulizer - Universal 1 l

007950025490



Fluid For Ultrasonic Nebulizer - Universal 5 l

007950025500



Concentrate for refreshing - 1000 ml

007950025160



Cleaning Liquid For Evaporators 5 l

007950025170



Cleaning Liquid For A/C System Elements (Active Foam) 1 l

007950025180



Antibacterial refreshing spray 400 ml with dispensing tube (reusable)

007950024900



Decontamination Foam 400 ml

007950025630



R134A Gas Analyzer  
007935090940



**MINI ID - R134a REFRIGERANT ANALYZER:**

At the moment on the automotive market there is refrigerant. To prevent damage to the air conditioning system in your car or station air conditioning maintenance, control of quality factor. Mini ID is able to verify the quality of R134a refrigerant for air too much content as well as propane or butane pollution.

**SPECIFICATIONS:**

- Weight: 0.8kg
- Supported factors: R134a (Tetrafluoroethane)
- Tolerance: Correct / Incorrect - 95% Pure R134a
- Certificates: SAE J1771 and CE
- User Interface: Membrane buttons with indicator lamps
- The calibration method: Manual pump
- Storage temperature: -10°C to + 50°C
- Operating temperature: + 10°C to + 45°C

Legend HFC refrigerant identifier  
007935021240

Legend HFC refrigerant identifier. For all refrigerants.

- Identified refrigerants: minimum: R22, R32, R134a, R404A, R407C, R410a, hydrocarbons (HC), air
- Identified refrigerants: minimum: R12, R1234yf, R417A, R421A and hydrocarbons (HC)
- accuracy of  $\pm 2\%$  of indicated gas or better



Pirometer/Laser Thermometer  
007950013810

Professional device for measuring the temperature of objects moving, inaccessible or dangerous to the touch. The pyrometer is equipped with a laser sight, precisely defining the place of measurement, has a high accurate to within 0.1°C. Allows for 15 hours continuous operation.



Clima Tester – Pwm valve adjustment device  
007935063040



MM vcomp serves as a direct power supply to control valve for all clutchless, directly driven air compressors with an external performance control without having to create a connection to the electrical system of the vehicle. User-friendly format allows significant time savings during the diagnosis of air conditioning equipment. With MM vcomp, you can add new aspects to the A/C system diagnostics you offer.

**TECHNICAL SPECIFICATIONS:**

- Power supply: 11-15 V
  - Temperature range: -10°C to +40°C
  - Storage temperature: -20°C to +50°C
  - Current intake: max. 3A
  - Compressor control efficiency: 3%-100%
- Currently supported models:  
Denso:  
5SER09, 5SE09C, 6SEU14, 6SEU16, 7SEU16, 7SEU17  
Sanden:  
PXE13, PXE16

Digital Thermomete  
007950024030

- temperature range -50 C to +300 C



Dual Infrared Thermometer /  
Contact  
007950013830

Accurate thermometers, necessary in diagnosing systems C - laser thermometer, thermometer with probe or infrared digital thermometer.



Device filter  
Refpro/Ultime/Refpro 5.0  
007935020020  
Thermal paper for Ultime  
analyzers  
007935020030



GAS ID R1234yf:  
007935021060

Every professional car workshop equipped with this type of identifier is protected against the consequences of using the wrong refrigerant, i.e. damage to the A/C system or A/C service station. Some A/C systems and A/C service stations are equipped with appropriate detectors verifying the correctness of the refrigerant and it is also possible to use a hand-held identifier, via a USB connection, to verify the correctness of the refrigerant supplied. In practice, however, it is better to use an external detector in order to avoid contamination or damage to the system as a result of supplying the wrong refrigerant or the one contaminated with substances of unknown origin.

- Přesnost měření: (+/-) 1,0 %
- Přípustná čistota chladiva: 98 %
- Chladivo R1234yf, 5 kg (007950014325), souprava s 007950014561
- Vyměnitelná láhev pro vícenásobné použití, 12 kg

**TECHNICAL DATA:**

- Detected refrigerant: R1234yf
- Measurement accuracy: 95%
- Power supply: 12V DC • Operating temperature: 10-45°C
- Sample factor in pure form without oil • Inlet pressure: 1.38Bar - 20.70 bar





# MM AC Guard

## 007936210780



**PROFESSIONAL, INDISPENSABLE, EASY TO USE  
PREVENTS PROBLEMS WITH HFO POLYMERISATION**

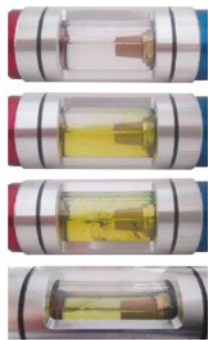
**HFOs are the fourth-generation** refrigerant gases most widely used in recent years in the automotive market and beyond. R1234YF is successfully used in all newly installed air conditioning systems from 2017 onwards due to its environmentally friendly properties and high efficiency. Recently, however, it has caused a lot of problems for technicians in the industry. There have been several reported cases of polymerisation of R1234YF gas, a phenomenon that can lead to extensive damage to the air conditioning system as well as the service stations themselves. The damage in some cases is irreversible as can be seen in the attached photos. The gas takes a solid form that can only be removed mechanically.

### PROTECT YOUR SERVICE EQUIPMENT AND FACILITIES

by means of a special kit that allows simultaneous filtration and observation of the recovered or injected refrigerant. The kit is universally applicable and also allows observation of oil contamination, filtration of swarf. Applicable to all CFC, HFC, HFO and other refrigerants.

### MAIN APPLICATIONS

When recharging refrigerant gas cylinders at an A/C service station;  
When recovering gas from the air conditioning system using a station or recuperator.



Clean system

Presence of UV  
additive/leak stop

Presence of impurities

Presence of humidity



Example 1



Example 2



Example 3

### Extended set for disassembly of compressor components 007950016020

For removing elements compressor. Contain all of the tools necessary to replace seals, clutches and clutch bearings in equipment brand Diesel Kiki (Zexel), Hitachi, Mitsubishi, NIPPONDENSO, Seiko-Seiki and Sanden 505, 508, 510, 575, 708 and 709. Set was packed in foam cut pockets and enclosed in a hard metal tool box. The set is accompanied by instructions. Set includes: Key to pull the seal York

Set contains:

- Handle to the compressor
- The key to drive the bearing Diesel Kiki
- The key to setting up the clutch Diesel Kiki
- The key to remove and attach the pulley bearings
- Spindle pulley
- Body puller
- Universal key to the clutch
- The key to downloading and reinstalling the seal
- Protective sleeve seals
- The key to setting up the clutch disc
- The key to removing the clutch disc brand NIPPONDENSO
- The key to the prosecution nut Diesel Kiki



### Complete set for disassembly of compressor components 007950016010

Complete set for removing elements compressor. Contain all of the tools necessary to replace seals, clutches and clutch bearings in equipment brand Diesel Kiki (Zexel), Hitachi, Mitsubishi, NIPPONDENSO, Seiko-Seiki and Sanden 505, 508, 510, 575, 708 and 709. Set was packed in foam cut pockets and enclosed in a hard metal tool box. The set is accompanied by instructions.

Set includes:

- Key to pull the seal York
- Handle to the compressor
- The key to drive the bearing Diesel Kiki;
- The key to setting up the clutch Diesel Kiki
- The key to remove and attach the pulley bearings
- Spindle pulley; Body puller; Universal key to the clutch
- The key to downloading and reinstalling the seal; Protective sleeve seals
- The key to setting up the clutch disc
- The key to removing the clutch disc brand NIPPONDENSO;
- The key to the prosecution nut Diesel Kiki



### Basic set for disassembly of compressor components 007950016030

The basic set to dismantle parts of the compressor kit includes:

- Universal key to the clutch
- Key to remove the blade and clutch company Sanden
- SD 5 and 7 bearing
- The key to inserting / removing the clutch disc metric
- The key to inserting / removing the clutch disc gradual Chrysler C171 / Ford S 61
- Hitachi-MI / Tecumseh
- Hr-9801
- Key removing / attaching NIPPONDENSO GP / 109 put off spindle clutch disc



### Oil acidity test 007950026480



### AC Capacity Stimulator and Enhancer - 30ml 007950026500



### Mineral oils neutraliser 150 ml 007950026590 Ester oils neutraliser 007950026600



### Electronic Scale 80 kg 007950025380

Max load 80 kg Electronic LCD screen with accuracy 10 g.  
Packed in robust and quality plastic suitcase



Valve unscrewing device  
for replacing valves without draining the  
refrigerant, adapters r134a +1234yf  
007950025200



Blue Hose 250 cm  
Ø 1/4" x Ø 1/4" SAE  
007950013760  
Blue Hose 250 cm  
Ø 1/4" SAE x Ø 1/4"SAE  
007950024730  
A/C Unit Hose - 250 cm For Refrigerant 1234yf Blue  
1/4"SAE X1234yf  
007950024960  
Blue Hose 4000 mm For Refrigerant R1234yf  
1/4"SAE X1234yf  
007950024965



Red Hose 250 cm  
Ø 1/4" x Ø 1/4" SAE  
007950013770  
Red Hose 250 cm  
Ø 1/4" SAE x Ø 1/4"SAE  
007950024720  
A/C Unit Hose - 250 Cm For Refrigerant 1234yf  
Red 1/4"SAE X1234yf  
007950024950  
Red Hose 4000 mm For Refrigerant R1234yf  
1/4"SAE X1234yf  
007950024955



LP CO2 quick coupling  
007950027370



HP CO2 quick coupling  
007950027380



Quick Coupler LP 1/4" 16 mm  
007950013780



Quick Coupler HP 1/4" 16 mm  
007950013790



Quick Coupler 180° 1/4"LP  
007950024000



Quick Coupler 180°1/4"HP  
007950024010



Quick Coupler Hp For 1234yf  
1/2" ACME M14 x1.5  
007950024930



Quick Coupler Lp For 1234yf,  
M14 x1.5  
007950024940



Quick Coupler HP M14 x1.5 with connector  
on 1/4 "SAE Male  
007950025230



Quick Coupler LP M14 x1.5 with connector  
on 1/4 "SAE Male  
007950025240



Quickcoupler Parker® low pressure  
LP M14x 1.5 mm  
007935020080



Quickcoupler Parker® low pressure  
LP 1/4" SAE  
007935020100



Quickcoupler Parker® high pressure  
HP1/4" SAE  
007935020110



Quickcoupler Parker® high pressure  
HP M14x 1.5 mm  
007935020090



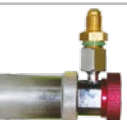
Quickcoupler LP HFO 1234 yf Parker  
007935020120



Quickcoupler HP HFO 1234 yf Parker  
007935020130



Quick Coupler BMW  
007950024560



BMW, Ford quick coupling extended  
for R1234yf HP  
007936211119



BMW, Volvo, Ford R134a HP  
adapter extension, straight  
007935021100



Quick Coupler For Renault Hp-Lp  
007950025250



180 HP quick coupling for R1234yf  
007936211118



180 LP quick coupling for R1234yf  
007936211121



Extension for LP port  
to factor R1234yf  
007950027040



Extension for LP port  
to factor R1234yf  
007950027070





O-Rings Holder  
007950024820



Ford Kit Springlock 4 Pieces  
007950024760



Spring Lock Tool LP hose for Toyota  
007950025020



Spring Lock Tool HP hose for Toyota  
007950025030



Additional Filter  
007950013800



Condenser Fuse Comb  
007950025040



Valve Core Remover  
007950024350



Orifice Tube Dimounting Kit  
007950025220



Oil Injector 1/4" Ffl X 1/4" Mfl  
007950014140



Octagonal Wrench For Lp R134A Socket Remove  
007950014150



Octagonal Wrench For Hp R134A Socket Remove  
007950014160



3W + UV Swivel Light  
007935030020

Magneti Marelli Workshop lamps have robust chasis and IP54 resistance class: usb and 230V charge - bottom with magnet - breaking 120° - Hooks - led with UV 3W + UV Beacon

Features and Specifications:

- 3W front COBLED provide > 240 lumens
- The upper LED with UV 395 ~ 410nm
- The rotation of 120 degrees
- magnet in the lower part of the handle
- Clip-on "nest" in the lower / upper part of the handle
- Charging socket with level indicator
- 2-3 hours
- 3-4 hours to recharge
- Adapter 5V 1A CE mini-USB cable



Swivel 3W Workshop Lamp  
COB LED+ UV mini front lighting  
007935030130

- 0.9W front COBLED provide 90-110 lumens
- upper LED with UV 395-410nm
- the rotation of 120 degrees magnet in the lower part of the handle
- charging socket with level indicator
- 2.5-3 working hours
- incl. mini-USB



Light with narrow UV head 395  
COB LED 150/75 Top SMD LED 30 lm  
UV LED provides 395 nm 1200 mAh  
007935030240

- COB LED front provides 150 lumens
- SMD LED provides 65 or 130 lumens UV provides 395 nm
- Two light brightness settings
- 180-degree swivel head, both directions
- Adjustable swivel hook
- Power supply: 3,7 V 750 mAh Li-Ion battery.
- Working time 2h
- Charging - micro USB



UV Lamp 12V/50W (Additionally Oil With  
UV + Uv Dye Cleaner)  
007935090120

- Allows for a quick leak localization in the system by the use of an electronic probe or a UV lamp.
- 6 sensitivity degrees (15 detection degrees)
  - three-color electronic scale indicating the volume of leakage
  - detects leaks up to 3 gr/year
  - detects all CFC, HCFC, HFC agents
  - flexible probe 43cm long



UV Lamp 100 W  
007950024700

- UV lamp 100W
- Safety glasses



50W UV lamp with charger  
and glasses 007950025190  
the set includes:  
50W UV lamp with charger and glasses  
(internal battery and glasses)



Special Uv Glasses  
007950025280



Electronic Leak Detector With Uv Lamp  
007950013850

- Allows for a quick leak localization in the system by the use of an electronic probe or a UV lamp.
- 6 sensitivity degrees (15 detection degrees)
  - three-color electronic scale indicating the volume of leakage
  - detects leaks up to 3 gr/year
  - detects all CFC, HCFC, HFC agents
  - flexible probe 43cm long
  - battery test
  - very bright UV diode lamp



# Hydrogen kit

## 007950025880

**NITROGEN/HYDROGEN LEAKAGE  
TEST KIT(1KG HYDROGEN CYLINDER,  
REGULATOR, 40 BAR PRESSURE  
GAUGE, DETECTOR,  
SHUT-OFF VALVE)**

The refrigerant leak detector (H2) allows a hydrogen leak to be detected quickly. Its sensitivity is 5 ppm. A new forming gas mixture of 5% hydrogen (H2) + 95% nitrogen (N) is used as a refrigerant and in air conditioning systems. For this reason, a good leak detector can help with maintenance and leak detection, thereby increasing refrigerant performance.

- Microprocessor-based control with advanced digital signal processing.
- Multi-colour display.
- Selector switch for high-medium-low leak detection sensitivity.
- Low battery indicator.
- Solid-state gas sensor.
- Detecting a mixture of 5% hydrogen (H2) + 95% nitrogen (N).
- Case included.
- 15.5" (40 cm) flexible stainless steel probe.
- Reference leakage source attached.
- Resetting the ambient concentration.
- Brushless DC fan with long service life.
- Automatic zero and background compensation.



Nitrogen/hydrogen  
leakage test kit

included:  
2.2 kg hydrogen cylinder,  
regulator, 50 bar pressure gauge,  
detector, shut-off valve  
007936211590



Cylinder With Hydrogen 1 l  
007950025890



Cylinder With Hydrogen 2,2L  
007950025892





**Electronic Leak Detector Hydrogen  
007950025820**

Enables quick location of leakages in the system using an electronic probe with acoustic or visual leakage alert.

Detected gases:

Mixture of 5% hydrogen (H<sub>2</sub>) + 95% nitrogen (N). Sensitivity: below 5 ppm.

	H	M	L
95% N <sub>2</sub> , 5% H <sub>2</sub>	2g/year	15g/year	30g/year

**FEATURES AND SPECIFICATION:**

- 3 sensitivity degrees (5 detection levels)
- electronic scale for leakage severity notification
- detects leakages up to 3 g/year
- detects the mixture of hydrogen and nitrogen
- flexible 43 cm probe, battery test
- acoustic alarm signalling leakage severity



**Hydrogen Electronic Leak Detector 1234yf  
007950025830**

**ELECTRONIC DETECTOR LEAK**

Allows you to easily locate the leak in the system with the help of electronic signaling probe audibly or visually leak.

**Specifications:**

Detectable gases R-134A, R-404A, R407C, R-410A, R-22, etc. 1234yf.

**Sensitivity:**

H M L R22,134a 3 g / year 15 g / year 30 g / year  
R-404A, 407C, 410A 4 g / year 20 g / year 40 g / year  
1234yf 3 g / year 15 g / year 30 g / year

Alarm mode: buzzer, diode bar, tri-colour indicator

Used Power: 4 AA alkaline batteries (6V DC)

Cable length: 40 cm (15.5")

Dimension / Weight: 173 x 66 x 56 mm (approximately 400 g)

Accessories: Alkaline batteries - 4 pieces.

Manual, bottle leakage control, carrying case for transporting



**Electronic Professional CO<sub>2</sub>  
Leak Detector (R744)  
007950027360**

The fully automatic Optima detector is very energy-efficient, handy but also highly sensitive, and locates even the most difficult leaks. It is ideal for repairing refrigeration systems based on carbon dioxide or any general purpose, which is designed to detect leaks, where compressed carbon dioxide can be used as the test gas. Also in the latest models of Mercedes or Audi vehicles, using R744.

**Specification:**

- Microprocessor control with advanced digital signal processing.
- Colour display.
- High-medium-low leakage detection sensitivity switch.
- Optical gas sensor.
- Detection gas: R744 (CO<sub>2</sub>)
- Case included.

**Technical specifications:**

- Warm-up time: 45 sec.
- Operating temperature: 0 °C to 40 °C (32 °F to 104 °F)
- Dimensions: 222 mm x 66 mm x 51 mm
- Weight: 418 g (with battery)
- Energy consumption: Lithium-ion battery 3.7 V DC.
- AC power supply: 5 V 1 A



**Electronic leakage detector, refrigerants:  
HFC, R134A, R1234yf, Hydrogen  
007950027000**

- Microprocessor control with advanced digital signal processing.
- Colour display.
- High-medium-low leakage detection sensitivity switch. Low battery indicator.
- Semi-conductor gas sensor.
- Detects the mixture of 5% hydrogen (H<sub>2</sub>) + 95% nitrogen (N).
- Case included.
- 15.5" (40 cm) flexible stainless probe.
- Included referential leakage source.
- Resetting environment concentration.
- Heavy-duty, brushless DC fan.
- Automatic zero and background compensation

**Specifications**

Detected gases: R-134A, R-404A, R407C, R-410A, R-22, 1234yf, etc.

Sensitivity:

Detected gases: Mixture of 5% hydrogen (H<sub>2</sub>) + 95% nitrogen (N).

Sensitivity: below 5 ppm.

	H	M	L
R22,134a	3g/year	15g/year	30g/year
R-404A, 407C, 410A	4g/year	20g/year	40g/year
1234yf	3g/year	15g/year	30g/year

	H	M	L
95% N <sub>2</sub> , 5% H <sub>2</sub>	2g/year	15g/year	30g/year



Alarm mode: buzzer, LED strip, three-colour indicator

Power supply: 4 alkaline AA batteries (6V DC)

Cable length: 40 cm (15.5")

Dimensions/weight: 173 x 66 x 56 mm (approximately 400 g)

Accessories: Alkaline batteries - 4 pcs.

Instruction manual, leakage testing bottle, transport case

Battery autonomy: approx. 7 hours of normal use

Automatic switch-off: 10 minutes

Automatic switch-off deactivation: press the "Hi" button and switch off the device

Heating up time: approx 45 seconds

Operation temperature and humidity: 0 - 40°C, <80% RH

Storage temperature and humidity: -10 - 60°C, <70% RH

Altitude above sea level: <2000M (6500')

**Kit for nitrogen testing up to 35 bar complete  
007936210760**

Included:

- 35 bar reducer
- 2.5 m cable
- HP R134a quick coupler
- 40 bar test gauge
- connection cable 1m yellow
- suitcase



**Sensor for electronic leak detector  
007950014310**

Sensor for electronic leak detector, multi-purpose (007950027000)

007936211110

Sensor for electronic leak detector, hydrogen (007950025820)

007950027010

Sensor for electronic leak detector, R1234yf (007950025830)

007936210740

Protective cap for leak detectors without thread (old type) (Pasuje do 007950025830, 007950027000, 007950025820)

007936211340



**Diode UV  
430104017590**



Manometers Set 1/4" 63 mm without hoses  
430104017091



Pressure gauges for refrigerant 1234yf  
007950024715



Gauge for checking for leaks in automotive air conditioning systems filled factor 1234yf . The kit consists of two pressure gauges mounted on a common manifold equipped with a connector pipes .  
( WITHOUT CABLE )

Pressure gauge set (scale R1234a, R1234yf, R32, R4110A), 2.5m cables, quick couplers R134, key in case  
007950024710

Set contains:  
case, manometers,  
3 hoses (2.5 m),  
2 quick couplings



Pressure gauge set for factor 1234yf (scale R1234a, R1234yf, R32, R4110A), hose 2.5 m, quick couplings R1234yf, key in case  
007950024725

Set for a comprehensive checking leaks in automotive air conditioning systems operating on 1234yf factor. Zawiera set of gauges, hoses and quick-wrapped in aesthetic and durable carrying case.



Mobile Set For Nitrogen Tests (1 kg Nitrogen Bottle, Reducer, Pressure Gauge 40 Bar)  
007950025860

Leak test kit for automotive air-conditioning system with nitrogen.

The kit includes:

- Case of polypropylene
- Pressure regulator for cylinders with a capacity of 5 liters
- Pressure gauge with hose and a three-way valve
- The yellow wire 1500mm
- Bottle Hydrogen (a mixture of nitrogen and hydrogen)- 1 liter
- Reduction for cylinders with a capacity of 1 liter
- Leak Detector hydrogenu



Leak Finder 400 ml  
007950024690



Manometer 40 Bar with hose  
30 cm and valve  
007950025870



UV Dye Remover 400 ml  
007950025270



Nitrogen 1 l  
007950024980



Pressure Reducer For Nitrogen 1 l  
007950025310



Pressure Reducer For Nitrogen Professional (Max 34 Bar)  
007950024990



Leak test kit for CO2  
007950027520



CO2 refrigerant cylinder for VW\_AUDI  
007950027570  
Refrigerant weight: 420 grams/  
empty cylinder: 935 grams



CO2 refrigerant cylinder for MB  
007950027565  
Refrigerant weight: 340 grams/  
empty cylinder: 926 grams





## COOL WEATHER - AIR CONDITIONING SYSTEM CLEANING DEVICE

007950024620



Magneti Marelli wants to present the COOL WEATHER washing unit, designed for car air conditioning systems. It is sometimes the case, after an accident, that metal particles from the compressor or other solid elements enter the air conditioning system. This results in contamination of the system, reduction of its efficiency and, usually, seizing the compressor. This is one of the many reasons for compressor damage. Replacement of the compressor will not alleviate the problem with the air conditioning system. The solid particles in the system will reenter the new compressor and damage it as well, block the decompression valve and/or the evaporator filter. This required cleaning of the internal air conditioning system. COOL WEATHER is a device designed just for this purpose. Due to the very efficient pump, the device enables comprehensive washing and drying of the internal surfaces of the air conditioning system elements. Included with the device are also special terminals for connecting any element of the A/C system, filter, connection cables.

### THE KIT INCLUDES:

- clamps for connecting elements
- replaceable filter
- device
- set of terminals

## YOUR CHOICE PAYS! - AC FLUSH PRO - This is what you are looking for!

007935110700



This is a new version of the device used for comprehensive service of air conditioning systems – replacements of system fluids and removal of contaminants generated during the operation. The AC FLUSH PRO device works on a 12 V car battery power supply to enable its use independently of the power grid, e.g. outdoors. Compact construction enables carrying AC FLUSH PRO in smaller vehicles and makes it easier to fit in tighter spaces. The device is capable of high pressure operation. This means you can feel safe even in unpredicted situations. As one of the few devices available, it provides a printed flushing process report.

### TECHNICAL SPECIFICATIONS:

Cables, hydraulic components, accessories: Group of three-way, round cross-section, steel conduits with Viton seals. Internal electric wire - IDEALCARBUR 3/4 with external insulation protecting the cables in the charging section.

Pump: Maximum flow rate = 4.5 l/min;

Maximum pressure = 5 bar

Dimensions:

Width = 610 mm,

Height = 1030 mm,

Depth = 560 mm

Weight: ~50 kg

Operating temperature: +7 °C to +40 °C



007936211000

Device filter

Super Flush with microfiber

007935110020

AC filter for AC FLUSH PRO



007936211000  
Device filter  
Super Flush with  
microfiber

## Pneumatic device for flushing air conditioning systems with Super Flush pulsation (without adapters)

### SUPER FLUSH 007936210770

Super Flush is an innovative solution dedicated to professionals, servicing and servicing air conditioning systems in all types of vehicles. The device allows to clean the interior of the system and remove deposits, oil deposits or metal filings that appear when the air conditioning compressor is damaged. Pulse rinsing and the ability to change the direction of rinsing are the most effective cleaning methods that Super Flush allows. This effective device also has a smooth regulation of pulsation pressure and 2 filters, one metal-coarse cleaning, the other microfiber - allowing the removal of the smallest impurities. The 4 L tank allows you to flush almost any system with a capacity of 3-4 kg. The device is not standard equipped with adapters, which need to be purchased separately.

#### INCLUDED:

- Super Flush device
- 2 wires 2m with 1/4 „thread
- a spare microfiber filter
- a key to replace the filter
- funnel
- instrukcja obsługi

#### TECHNICAL PARAMETERS:

Tank capacity: 4l  
Pressure: 5 - 7 kg / cm<sup>2</sup>  
Dimensions: 520 × 520 × 900  
Weight: 25 kg

#### CHARACTERISTIC:

- the device is completely safe when working with solvents
  - the device does not have sparking components
  - the drive comes from a pneumatic pulse pump
  - device equipped with 2 filters - accuracy 1um and 5 um
  - dedicated for use with flammable air conditioning fluids
- Filter for Microfibre Super Flush device - 007936211000



#### Manual Flushing Kit 007950024750

SET FOR AIR CONDITIONING FLUSHING  
SYSTEMS MANUAL  
(SET TERMINAL + CYLINDER + TANK).  
Rinsing package is powered by compressed  
air. Cylinder filled with liquid enables pulsed  
manual lavage systems.



#### Ac Flushing Fluid 1 l flammable 007950024530

#### Ac Flushing Fluid 5 l flammable 007950024540

#### Ac Flushing Fluid 20 l flammable 007950024550

#### Ac Flushing Fluid 1 l non-flammable 007950026620

#### Ac Flushing Fluid 5 l non-flammable 007950026630

#### Ac Flushing Fluid 20 l non-flammable 007950026640



#### Adapters Kit For Flushing Machine - Basic 007950025000



#### Adaptors Kit For Manual Flushing 007950024740



#### A/C flush spray 600ml 007950025960

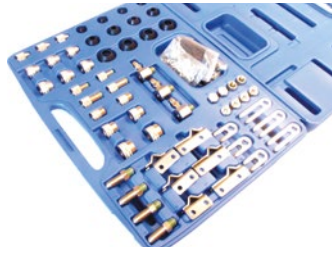


#### Professional set of terminals for flushing devices, dedicated for European and American cars 007936210020





Professional set of adapters for flushing devices  
**007936210730**



Orings And Spring Locks Set (Ford and GM (60 pieces)  
**007935090930**



Set For Fixing Hoses And Quick Couplers (90 pieces)  
**007935090931**



**Set Purple Orings for AC Systems (265 pcs):**  
(5 x 1,5 – 20 pcs.; 6,07 x 1,78 – 20 pcs.; 7,65 x 1,78 – 15 pcs.; 10,82 x 1,78 – 15 pcs.; 14 x 1,78 – 15 pcs.; 6,8 x 1,9 – 15 pcs.; 7 x 2 – 15 pcs.; 12,42 x 1,78 – 15 pcs.; 6,5 x 1,5 – 15 pcs.; 7,5 x 1,5 – 15 pcs.; 10,8 x 2,4 – 10 pcs.; 13,8 x 2,4 – 10 pcs.; 15,2 x 2,4 – 10 pcs.; 17,2 x 2,4 – 10 pcs.; 19,2 x 2,4 – 10 pcs.; 14,8 x 3,1 – 10 pcs.; 19 x 3,5 – 10 pcs.; 17,8 x 3,1 – 10 pcs.)  
**007936210720**



Fiat Group Orings Kit  
**007935090690**



Universal Orings Set (172 pieces)  
**007935090750**



Standard Orings Set (120 pieces)  
**007950024080**



Special Orings Set (88 pieces)  
**007950024090**



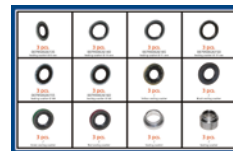
Set Of Orings Full (361 pieces)  
**007950025510**



Set of 28 orings - 400 pieces  
**007950025520**



Sealing Washers Set  
**007950025090**



Sealing Wit Metal 4 pieces  
Internal Diam 17,7 mm  
**007950025530**

Sealing Wit Meta 4 pieces  
Internal Diam 14,7 mm  
**007950025540**

Sealing Wit Meta 4 pieces Internal  
Diam 11,7 mm  
**007950025550**



O-Ring N° 6 (10 pieces) **007950024150**

O-Ring N° 10 (10 pieces) **007950024160**

Oring N° 8 (10 pieces) **007950024170**

Oring Evaporator **007950024180**

Oring 11.13 X 9.25 Press. M (10 pieces) **007950024200**

Oring 6.7 X 5.1 (10 pieces) **007950024205**

Oring 7.5 X 10.3 G6 Denso (10 pieces) **007950024210**

Oring 24.4 X 20 Comp. Denso (10 pieces) **007950024220**

Oring 12.7 X 10.3 G8 Denso (10 pieces) **007950024230**

Sealing Oring, Inner Diameter. 17,7 mm (3 pieces) **007950024260**

Sealing Oring, Inner Diameter 17,7 mm (3 pieces) **007950024260**

Sealing Oring, Inner Diameter. 14,7 mm (3 pieces) **007950024270**

Sealing Oring, Inner Diameter. 11,7 mm (3 pieces) **007950024280**

Sealing Oring, Inner Diameter. 8,7 mm (3 pieces) **007950024290**

Dubble Oring, Outer Diameter 15.4 mm (5 pieces) **007950024300**

Dubble Oring, Outer Diameter. 10 mm (5 pieces) **007950024310**

Dubble Oring, Outer Diameter. 18 mm (5 pieces) **007950024320**

Oring 24,4 X 20 Denso (10 pieces) **007950024330**

Oring 23,7 X 20,22 Harrison (10 pieces) **007950024340**

Oring 9 mm (10 pieces) **007950024360**

Oring Peugeot 6460P2 (5 pieces) **007950024370**

Oring Peugeot 6460P1 (5 pieces) **007950024380**

Oring Renault 1-7701207274 (5 pieces) **007950024390**

Oring Renault 2-7701207274 (5 pieces) **007950024400**

Oring Renault 3-7701207274 (5 pieces) **007950024410**

Oring 8 mm (10 pieces) **007950024450**



Compressor sealing ring  
8mm/11,3mm (10 pcs.)  
**007950026135**

Compressor sealing ring 15mm/23,6mm  
(10 pcs.)  
**007950026140**

Compressor sealing ring 11mm/19,5mm  
(10 pcs.)  
**007950026145**

Compressor sealing ring 17mm/25,5mm  
(10 pcs.)  
**007950026150**

Compressor sealing ring 5/8" (15/28mm)  
(10 pcs.)  
**007950026155**

Compressor sealing ring 3/4" (17,7/31,6mm)  
(10 pcs.)  
**007950026160**



Set Of Caps And Service Ports  
**007950025260**



Protective Cap R134A Lp (2 pieces)  
M8\*1mm  
**007950024240**



COOL WEATHER		TABELLA TAPPI
CODICE	DESCRIZIONE	CONFEZIONE
007950024240	Tappo valvola R134a LP	2 PEZZI
007950024250	Tappo valvola R134a HP	2 PEZZI

Protective Cap R134A Hp (2 pieces)  
(2 sztuki) M8\*1mm  
**007950024250**



Protective Cap R134A Lp (2 pieces)  
- Japanese Cars M9\*1mm  
**007950025290**



Protective Cap R134A Hp (2 pieces)  
- Japanese Cars M10\*1.25 mm  
**007950025300**



Black CAP 1/4" (1 pieces)  
**007950026235**

Black CAP 3/16" (1 pieces)  
**007950026240**



HIGH PRESSURE CAP M10x1 (1 pieces)  
**007950026245**



LOW PRESSURE CAP M8x1 (1 pieces)  
**007950026250**



HIGH PRESSURE CAP M10x1,25 (1 pieces)  
**007950026255**



CAP LOW PRESSURE M9x1 (1 pieces)  
**007950026260**



CAP HIGH PRESSURE M10x1 (1 pieces)  
**007950026265**



LOW PRESSURE CAP M8x1 (1 pieces)  
**007950026270**



M8\*1.0 LP cap short stem 1234yf  
**007936211111**

M8\*1.0 LP cap long stem 1234yf  
**007936211112**

M9\*1.0 LP cap short stem 1234yf  
**007936211113**

M10\*1.25 HP cap short stem 1234yf  
**007936211114**

M10\*0.75 HP cap long stem 1234yf  
**007936211115**

M10\*1.0 HP cap short stem 1234yf  
**007936211116**

Protection for caps 1234yf  
**007936211117**



Adaptor Hp Ford M 10 X 1,25  
**007950024800**



Service Port 15 X 1,0  
**007950024580**

Service Port 13 X 1,1  
**007950024590**



Service Port Hp 12 X 1,5  
**007950024600**



Adapter M1/4 Sae X M1234yf  
**007950025780**



Adapter M3/8 Sae X M1234yf  
**007950025790**





Adaptor for bottle  
R134 W21,8 x1/14 X 13 mm (big valve)  
007950024100



Adapter for bottle R134A  
W21,8 x1/14" X 13 mm (big valve)+ Adaptor  
for HP quickcoupler 1/4" SAE (7/16")  
007950024810



High Pressure Adaptor 1/4" X 13 mm  
007950024840



Hoses Connector 1/4 X 1/4" Sae  
007950024040



ADAPTER Female 3/8" x Male 1/4" (1 pieces)  
007950026275



ADAPTER Female 1/4" x Male 3/8" (1 pieces)  
007950026280



ADAPTER Male 1/4" x Male M14x1,5 (1 pieces)  
007950026285



ADAPTER Male 1/4" x Male 1/8 (1 pieces)  
007950026290



ADAPTER Female 1/4" x Female 1/4" (1 pieces)  
007950026295



Adapter on the bottle 3/8" (1 pieces)  
007950026300



ADAPTER Female 1/2" x Male 1/4"  
(1 pieces)  
007950026305



LP adapter  
to factor R1234yf x 1/4 „SAE  
007950027020



HP adapter  
to factor R1234yf x 1/4 „SAE  
007950027050



Set of nozzles throttling  
(18 pieces)  
007950024570



Adapter Dupont To The Bottle  
For New Refrigerant  
007950025800



Adapter Honeywell To The Bottle  
For New Refrigerant  
007950025810



Dupont cylinder HP adapter  
007950026650



Honeywell cylinder HP adapter  
007950026660



Universal LP adapter for cylinders with  
1234yf  
007950026670



Universal HP adapter for cylinders with  
1234yf  
007950026680



BLUE ORIFICE TUBE (ford)  
007950026185



GREY ORIFICE TUBE (Audi)  
007950026190



**YELLOW ORIFICE TUBE (Volvo)**  
007950026195



**WHITE ORIFICE TUBE (Fiat)**  
007950026200



**BROWN ORIFICE TUBE (Ford)**  
007950026205



**BLACK ORIFICE TUBE (Opel)**  
007950026210



**PURPLE ORIFICE TUBE (Chrysler)**  
007950026215



**ORANGE ORIFICE TUBE (Ford)**  
007950026220



**RED ORIFICE TUBE (Ford)**  
007950026225



**GREEN ORIFICE TUBE (Ford)**  
007950026230



**Service Valves Kit (33 pieces)**  
007950024070



**AC Valve Kit with a Key (10 valves - 57pcs)**  
007936210050



Valve with green Oring (3pcs),  
Renault Service Valve (5pcs),  
KIA/Hyundai Service Valve (5pcs),  
VW MW Valve with green Oring (3pcs),  
GM 10mm-Service Valve (3pcs),  
Volvo Peugeot Service Valve (5pcs),  
JRA Service Valve (5pcs),  
GM Service Valve (5pcs),  
Standard Service Valve (20pcs);  
Key to unscrewing valves



**Valve core R12/R134 19 x 5,1 mm (10 pieces)**  
007950024420



**Valve core JRA 21,55 x 7,8 mm (5 pieces)**  
007950024430



**Valve core High Flow 20 x 7 mm (5 pieces)**  
007950024440



**Valve core Vw Gm 18,7 x 6 mm (5 pieces)**  
007950024460



**Valve core Standard 21,8 x 8 mm (5 pieces)**  
007950024470



**Valve core Standard 22,1 x 9,8 mm (5 pieces)**  
007950024480





Valve core Large (Violet) 27,155 x 7,8 mm  
(1 pieces)  
007950024830



Service valve 21.8 MM X 8MM  
- HFO1234YF  
007950026690



Service valve 22.1 MM X 9.8MM - HFO 1234YF  
007950026700



Valve core Renault 18,35 x 5,1 mm (1 pieces)  
007950025400



Valve core Do Kia Hyundai 18,5 x 6,5 mm  
(1 pieces)  
007950025410



Hydraulic Press For Crimping  
007950016040



It is a universal, lightweight and handy device for crimping hoses in the air conditioning systems. By the use of Hydra Krimp hydraulic hand pump this operation is performed easily, quickly and precisely. This tool is ideal for use both in a workshop, as well as in the field.

**THE KIT INCLUDES:**

- HYDRAULIC HAND PUMP
- CABLE-CLAMPING JAWS
- HOSE CLAMPS (MATRIX) OF THE SIZES  
6(5/16"), 8 (13/32"), 10 (1/2") I 12 (5/8") MM  
6(5/16")SRB, 8 (13/32")SRB, 10 (1/2")SRB  
AND 12 (5/8")SRB MM
- REDUCTION CLAMPS WITH THE ABOVE MENTIONED DIAMETERS
- CARRYING CASE FOR ALL THE ELEMENTS

Manual Press For Crimping  
007950013860



It is a universal, lightweight and handy device for crimping hoses in air conditioning systems. Manual crimping of hose ends allows for a proper selection of crimping force. A solid foundation made of hardened steel allows for a convenient permanent mounting of the entire handle. It enables using of an ordinary manual or hydraulic wrench.

**THE KIT INCLUDES:**

- hose clamps (matrix) of the sizes  
6(5/16"), 8 (13/32"), 10 (1/2") i 12 (5/8") mm
- cable-clamping jaws
- reduction clamps with the above diameter
- carrying case for all the elements

Set of dies for Crimper - 6 (1/2 reduced barrier)  
430104017513



Set of dies for Crimper - 10  
(1/2 reduced barrier)  
430104017608



Set of dies for Crimper - 12  
(1/2 reduced barrier)  
430104017095



Hose Shears  
007950013870



Big Ratio Hose Shears  
007950025210



Hose Standard Barrier A/C 06 5/16"  
007935020960

Hose Standard Barrier A/C 08 13/32"  
007935020970

Hose Standard Barrier A/C 10 1/2"  
007935020980

Hose Standard Barrier A/C 12 5/8"  
00793502710

Hose Reduced Barrier A/C 06 5/16"  
007935021000

Hose Reduced Barrier A/C 08 13/32"  
007935021010

Hose Reduced Barrier A/C 10 1/2"  
007935021020

Hose Reduced Barrier A/C 12 5/8"  
007935021030

Hose Reduced Barrier A/C 14 3/4"  
007935021040



R134A - With 12 Kg Container  
007950014290

R134A - With 12 Refrigerant  
(complete with 007950014290)  
007950014280



R1234yf refrigerant, 5 kg (007950014325), kit  
with 007950014561  
007950014325  
Reusable refillable cylinder, 12 kg  
(007950014561)  
007950014561



# OILS

## 100% SYNTHETIC POLYALCHILENGLYCOL (PAG) BASED LUBRICANTS FOR REFRIGERATING COMPRESSORS

### DESCRIPTION

The polyalchilenglycol (PAG) lubricants series are fully synthetic lubricants with high oxidation resistance features, specifically developed for the lubrication of rotary refrigerators compressors, that need a very low freezing point and very long drain intervals.

### PROPERTIES

- Products with superior features compared to traditional mineral based lubricants.
- Maximum duration of exercise, in order to extend the oil change intervals.
- Possible use with the widest temperature range (-30 °C to +50 °C).
- No carbon deposits in the hot spots of the compressor, thanks to the synthetic nature.
- Excellent protection against rust, corrosion and wear of the components.
- Avoids the formation of foam, to avoid the phenomenon of cavitation.



### APPLICATIONS

These lubricants are specifically suitable where the compressor manufacturer suggest a fully synthetic lubricant with polyalkylene glycol base oils (PAG). These products are particularly also suggested in cases of extreme temperature changes, and when it is necessary to maximize the life-service interval and consequentially minimize downtime and labor costs.

### WARNINGS

The polyalkyleneglycol base oils (PAG) series makes these product NON-compatible with conventional mineral- and synthetic-hydrocarbon based lubricants without polyalkylenglycols PAG. Before the lubricant drain, it is necessary to thoroughly clean the circuit. In case of change in the nature of the lubricant, if possible wash with solvent the entire system, ensuring that there are no residues of the old lubricant or washing fluid before the new filling. Keep the product in a dry place in tightly closed containers.

### PAG (46 AND 100) FOR HFO R-1234YF

PAG oils are mainly oils with singly closed chemical bonds. The PAG 46 and 100 version for HFO R-1234yf is based on special, stabilized polyalkylene glycols produced with the addition of the highest quality copolymers ensuring double-end-capped chemical bonds to meet the increased needs of refrigeration compressors. This means that the main chemical chain of the preparation is closed on both sides, whereas in the case of an oil with singly closed chemical bonds, the main chemical chain is closed on only one side. As a result, PAG oils with singly closed chemical bonds are still chemically active and react with moisture, possibly causing acid formation. Due to their nature, these oils are intended for use as "universal" for use with refrigerants such as R-134a and R-1234yf.

# LUBRICANTS

## LUBRICANTS (POE) FOR AUTOMOTIVE A/C SYSTEMS

### DESCRIPTION

These oil series are fully synthetic lubricating fluids, based on synthetic and biodegradable polyesters oils ( POE ) with a particular anti-wear additive package designed specifically for use in automotive air conditioning systems loaded with alternative refrigerants not detrimental to the ozone layer.

### TECHNICAL FEATURES

- ▶ Dielectric strength – IEC 60156 @ 24°C >75kV
- ▶ Complying with specification IEC 61099
- ▶ Higher lubricity values compared to traditional mineral-based lubricants.
- ▶ Excellent anti-wear performance for steel and aluminum surfaces, allowing to extend the life and efficiency of the system lubricated.
- ▶ Chemically and thermally stable products, compatible with residues of mineral oils or alkylbenzene which may remain in a system after the replacement by CFC or HFC.
- ▶ Miscibility with both mineral and synthetic oils (polyalphaolefin PAO or polyester - POE). In case of mixture with a different nature or viscosity lubricant, the characteristics and performance of the product may change.
- ▶ Rust and corrosion protection of metals, particularly copper alloys.
- ▶ Compatibility with coatings, elastomers and paints.
- ▶ Formulation with biodegradable, non- dangerous bases for human health, for the protection of the operators and the environment in case of accidental spillage.
- ▶ The products are NOT compatible with polyalkylene glycol (PAG) based oils.
- ▶ Not miscible with other types of oil (like POE)



### APPLICATIONS

These POE lubricants are specifically used in air conditioning systems of motor vehicles.

- ISO 80: specific for use in electric compressors or when a dielectric compressor lubricant is required (complies with specification IEC 61099)


### WARNINGS

The products are hygroscopic, and absorb the humidity and mist/ condensation in the air: it is recommended to carefully seal the packaging after use and store them in a dry place at temperatures between -20 °C and + 40 ° C. In the case of storage at below -20°C, it is recommended to heat the product above 20°C before use, to eliminate as much as possible any moisture.

### AVERAGE PHYSICAL AND CHEMICAL FEATURES (DATA ARE NOT SPECIFICATIONS)

ISO Viscosity Grade ISO 3448		80
Physical State at 20°C		Liquid, clear, pale yellow color
Pour point	°C	< -35
Flash Point COC ASTM D 92	°C	250
Density at 20°C	Kg/mc	~ 960
Water solubility		Hygroscopic
Acid Value (degree of saturation)	Mg KOH/g	< 0.1
Biodegradability test	OECD 301B	> 60% (pass the test if > 60% in 28 days)
Water content	ppm	< 50
Dielectric strength IEC 60156 @ 24°C	kV	> 75 (89.5)
Complying with specification IEC 61099		Complies
Kinematic viscosity at 40°C	cSt	75-85
Kinematic viscosity at 100°CW	cSt	9.3-9.9
<b>ASHRAE (97 Std) Thermal Stability Test Test @ 175°C, 336 hrs</b>		
Appearance / Settling		Clear / Settling Free (None)
Water content after test	ppm	< 10
Acidity after test (TAN)	Mg KOH/g	0,75
Viscosity change after test	20°C 40°C	< 3%
Metal content before and water test	Copper Steel Aluminium	No metal mobilization was observed



	Type of oil	Type of gas	Viscosity	Sizes	MM code	SOME OEM NUMBER RELATED TO MM PRODUCTS
<b>COMPRESSORS MECHANICAL AND SELECTED EV/HEV</b>	<b>PAG</b>	R134a	46	250ml	007935090710	Dens Oil 8 ;ND8;PAG SP10;ZXL 100 PG;G 052 300 A2;G 052 154 A2;SPA2;G 052 535 M2;83 222 339 920;81 229 407 724 ;PAG RL244; VC-46;PS-D1;VC100YF;FD46XG; WSS-M2C300-A2;ATMOS GU 10; WSH-M1C231-B;MB 362.1;A 000 989 06 06 ;KLHOO-PAGS0;Polylub GLY 801;1161407-0
				1L	007935090660	
				5xL	007950024500	
			46 + UV	250ml	007950025570	
				1L	007950025580	
			68 +UV	1L	007950026410	Ucon RL 897
				250ml	007950026400	
			68	1L	007950026380	
			68	250ml	007950026370	
			68	5L	007950026390	ND-9;Dens Oil 9;SP20; ZXL 200 PG;Sanden E13 M6 ; 500 SUS;VC200YF;DH-PR PAG 448;164074787;1161425 / 1161426 / 11614
			100	250ml	007935090720	
				1L	007935090670	
				5L	007950024510	
			100 + UV	250ml	007950025590	
				1L	007950025600	
			150	250ml	007935090730	Dens Oil 6 ; 164774787; Planetelf PAG 488; 90443840; Ucon RL 488
				1L	007935090680	
			150 + UV	250ml	007950025610	ND-12;PS-D1;SP10;83 222 339 920;FD46XG;VC100YF;SPA2
		R1234YF	46 "DC"	250ml	007950024920	
				1L	007950027460	
			46 + UV "DC"	250ml	007950027465	ND-12;VC200YF;ZEROL HD100;RFL 100X;G 052 535 M2;A 001 989 06 06;
				1L	007950027470	
			100 "DC"	250ml	007950024925	
				1L	007950027475	
			100 + UV "DC"	250ml	007950027480	Covers all above 134a/1234yf apart POE and PAO solutions
				1L	007950027485	
		R134a/R1234YF	UNIVERSAL "DC"	250ml	007950027080	
				1L	007950027090	
			UNIVERSAL + UV "DC"	250ml	007950027490	
				1L	007950027495	
<b>ELECTRIC COMPRESSORS (NOT SANDEN)</b>	<b>POE</b>	R134a	80	250ml	007950024680	
		R1234YF	80	250ml	007950024685	
		R134a/R1234YF	UNIVERSAL	250ml	007950027500	ND-11;POE ZE-GLES RB100EV; Sanden SE-10Y, Honda 38899-RMX-A01, 38899-RJ-A01, RL85HM (38899-RLV-A01), DENSO ND-OIL 14, Honda 38899-50Z-G01 & 38899-50Z-G03
<b>ELECTRIC/MECHANICAL COMPRESSORS</b>	<b>PAG</b>	R744(CO2)	UNIVERSAL 68	250ml	007950027340	ACC HV PAG oil ISO 68 for R744
			UNIVERSAL 68	1L	007950027350	

**"DC"- DOUBLE CAPPED**



## UV FLUORESCENT CONTRAST LIQUID FOR THE

### DESCRIPTION

UV additives are special UV fluorescent contrast liquids specially designed for the detection of refrigerant gas leaks in automotive air conditioning and refrigeration systems. Today the simplest and cheapest way to search for leaks, our UV additive offers high fluorescence thanks to which, equipped with a special UV lamp, we can easily search for refrigerant gas leaks in the AC/R system.

### TECHNICAL FEATURES

- Ease of use.
- Precise location of leaks.
- Non-hazardous and solvent-free product.
- It does not damage systems, machinery such as recovery and charging stations and does not damage the various components and materials of the system.
- Compatible and perfectly miscible with the refrigerant lubricants used in the system.
- High luminescence when exposed to UV lamp.



### REGULATIONS

Complies with SAE J2297 and SAE J2298 regulations

### USES AND LINES

This product has been designed for simple and effective use in both car air conditioning and refrigeration systems. This is why our offer includes two main lines of UV additives: one for the AUTOMOTIVE sector and one for the REFRIGERATION sector.

### AVAILABLE FORMATS

Our UV additives are available in twocap bottles with dispenser (250, 350 ml and 1 liter) and in 7,5 ml single-dose syringes.

### SAFETY INFORMATION

The product is not dangerous, but we always recommend the use of protective gloves and special UV glasses to search for leaks using a UV lamp.

### APPLICATION IN AUTOMOTIVE A/C SYSTEMS WITH CHARGING STATION

Introduce the contents of the bottle with 2 caps with dispenser into the appropriate container of the charging station and follow the instructions of the machine.

### APPLICAZIONE IMPIANTI A/C AUTOMOTIVE CON INIETTORE O SIRINGA MONODOSE

Introduce the contents of the bottle with 2 caps with dispenser and fill the appropriate injector (piston or syringe) with the desired quantity (7,5 ml per 1,5 kg of refrigerant gas).

### APPLICAZIONE IMPIANTI A/C AUTOMOTIVE CON INIETTORE O SIRINGA MONODOSE

#### INJECTOR ONLY:

Introduce the contents of the bottle with 2 caps with dispenser and fill the appropriate injector (piston or syringe) with the desired quantity (7,5 ml per 1,5 kg of refrigerant gas).




**INJECTOR AND SYRINGE:** Turn on the vehicle and the A/C system. Before connecting the injector or syringe to the system, completely fill the hose connected to it, thus letting out the air present inside. Therefore connect to the system via the charge valve on the low pressure side and introduce the UV additive into the system. Disconnect the injector or syringe from the system and clean any residual UV additive. Leave the A/C running for approx. 30 minutes. After putting on the appropriate protective goggles, inspect the parts where it is suspected that there may be a leak with a UV lamp. The spots at the leak will appear fluorescent. Once the leak has been repaired, clean the area stained by the UV additive with the appropriate detergent and repeat the entire operation.

## COMPATIBILITY INDICATION BETWEEN REFRIGERANT GAS AND LUBRICANT

Refrigerant gas		mineral based	PAG based	POE based	PAO based	Refrigerant gas		mineral based	PAG based	POE based	PAO based
R23	HFC			✓		R744	CO2		✓	✓	✓
R32				✓		R22	HCFC	✓		✓	
R134a			✓	✓		R123		✓			
R404A				✓		R124		✓			
R407C				✓		R401A				✓	
R410A				✓		R401B				✓	
R413A		✓		✓		R402A				✓	
R417A		✓		✓		R402B				✓	
R419A		✓				R403B		✓		✓	
R422A		✓		✓		R408A		✓		✓	
R422D		✓		✓		R409A		✓		✓	
R427A				✓		R414B		✓			
R428A		✓				R416A		✓		✓	
R437A		✓				R11	CFC	✓			
R438A		✓		✓		R12		✓			
R507				✓		R13		✓			
R508B				✓		R13B1		✓			
R1234yf	HFO		✓	✓		R113		✓			
R170	HC	✓				R114		✓			
R600		✓				R500		✓			
R1270				✓		R502		✓			
R717	NH3	✓			✓	R503		✓			

	Type of oil	Type of gas	Bottle	MM code	Syringe	MM code
COMPRESSORS MECHANICAL AND SELECTED EV/HEV	PAG	R134a	250ml	007935090640	Pack of 12 x 7,5ml	<b>007950025910</b>
			1L	007950025320	Pack of 12 x 7,5ml +adapter	<b>007950026340</b>
		R1234YF	250ml	007950024915	Pack of 12 x 7,5ml	<b>007950026050</b>
			350ml	007950024910	Pack of 12 x 7,5ml +adapter	<b>007950026360</b>
		UNIVERSAL R134a/R1234YF	250ml	007950027160	Pack of 12 x 7,5ml	<b>007950027510</b>
			1L	007950027170	Pack of 12 x 7,5ml +adapter	<b>007950027515</b>
ELECTRIC COMPRESSORS (NOT SANDEN)	POE	UNIVERSAL R134a/R1234YF	250ml	007950027505	Pack of 12 x 7,5ml	<b>007950026045</b>
					Pack of 12 x 7,5ml +adapters	<b>007950026350</b>

## SYRINGE ADAPTERS FOR SEALS AND UV CONTRASTS

SECTOR	ARTICLE	
AUTOMOTIVE R-134a	Adapter for Syringe 007950025940	
AUTOMOTIVE R-1234yf	Adapter for Syringe 007950027425	
REFRIGERATION F1/4 SAE	Adapter for Syringe 007950027250	

NEW

NEW

NEW



## LEAK STOP DETECTION

### WHAT IS A LEAK STOP:

Special additive formulated for the repair of micro leaks in automotive AC systems.

- It is an economic way to repair micro leaks
- It can be applied as preventive action
- Does not contain polymers that hardens with moisture or oxygen
- It does not damage the system
- Compatible and perfectly miscible with lubricant and refrigerant

### HOW DOES IT WORK?

The sealant is injected or sucked by the vacuum into the refrigerant system from the low-pressure port, where it gets carried with the refrigerant around the system.

It doesn't clog up the leak but rather forms a thin oil layer over the pipes, fixing the leaks in different elements also orings where very often leakage appears

Leak Stop in can:

1. Make the vacuum of the A/C system.
2. Connect the leak stop to the charge valve on the low-pressure side of the A/C system and introduce the sealant.

PLEASE NOTE: if you use a flexible adapter, let the air inside the hose out, before to connect it to the system.

3. Disconnect from the A/C system.


Recharge the system following the manufacturer's instruction.

4. Let the system work for at least 30 minutes to allow the leak stop to work.

Leak Stop in Syringe:

ADVANTAGE: no need to empty and create vacuum in the system.



	Type of oil	Type of gas	Can	MM code	Syringe	MM code
COMPRESSORS MECHANICAL AND SELECTED EV/HEV	PAG	R134a	30ml	007950025330	30ml	007950025950
			+ UV dye 40ml	007950025140	30ml + adapter	007950027180
					40ml	007950026025
					40ml + adapter	007950027525
		R1234YF	30ml	007950027440	30ml	007950027530
			+ UV dye 40ml	007950027445	30ml + adapter	007950027535
					40ml	007950027540
					40ml + adapter	007950027545
		UNIVERSAL R134a/R1234YF			6ml	007950027100
					6ml + adapter R134a	007950027110
					6ml + adapter R1234yf	007950027120
					6ml + adapters R134a/R1234yf	007950027550
					with UV 8ml	007950027130
					with UV 8ml + adapter R134a	007950027140
					with UV 8ml + adapter R1234yf	007950027150
					with UV 8ml + adapters R134a/R1234yf	007950027555
ELECTRIC COMPRESSORS (NOT SANDEN)	POE	UNIVERSAL R134a/R1234YF			30ml	007950027560
					30ml + adapters	007950027450
HVAC Compressors	PAG	R290/R600a			30ml	007950027430
HVAC	POE	R11, R12, R13, R22, R123, R124, R134a, R141b, R32, R404A, R407C, R410A, R502, R503, R507A			60 ml concentrate	007950027435
					60 ml regular use	007950027210
					12 ml single dose	007950027300

**MAGNETI  
MARELLI**

PARTS & SERVICES

**DIESEL**



# Injector tester

## DSRX

007935105950

The most affordable automatic Common Rail injector tester on the market. The proven, intuitive, user-friendly design, thanks to the use of state-of-the-art technology, allows a quick and precise check of the technical condition of the injector under test.

Fast and accurate testing of Diesel CRDi injectors, thanks to the reliable dynamic dose measurement system - XKM.

- injector testing time 6-12 min.
- CRi (all makes and types).
- Support for all EU6 technologies, such as VCC and NCC technology, iART, PCRS5 and more....
- CRIN injectors for light vehicles
- CRDi medium power injectors
- Maximum pressure 2000 bar.

New operating program with new functions, including: a list of cross references for a given injector, a detailed description of the connection, the ability to create a handy database. The ability to configure the device in the cloud, giving you access to reports, the current status of tester use and many other features.



<b>X-Pack1</b>	----	DS1rX-ih, BCN.B, DFI.01, DFI.02, SVI.01, CZI.01, BPI.01, BCI.01, HP90-M14/F12x15, HP-M12/F14x15, CZ-008541	STANDARD EQUIPMENT
<b>X-Pack2</b>	007935105220	CZ-007359, RSP, CZ-007124, DG3P-A, DG2P-A, DGxS-C, DGxS-A, DGxS-B) x1	OPTION

# Injector tester

## CRU2RX

007935104440

High-tech, compact Common Rail injector tester. Professionals looking for advanced technology and broad application possibilities will particularly appreciate the device's capabilities. The device is equipped with 2 parallel XKM measurement systems. With the CRU2RX series, it is possible to generate new codes for Bosch (IMA, ISA), Delphi (C2i, C3i, C4i), Denso (QR Code), CAT, John Deere, Siemens/VDO (IIC, IIC.2) injectors - for VDO-authorized service centres only. In addition, it is possible to carry out a regeneration procedure for the piezo element in Bosch, Denso, and Siemens/VDO injectors. Extensive database for all types of electromagnetic and piezoelectric injectors: Bosch, Delphi, Denso, Siemens/VDO/Continental. Free automatic software updates via Wi-Fi.

- Injector testing time 6-12 min.
- CRi (all makes and types).
- Assigning new codes for all injector manufacturers
- Encoding after the purchase of a lifetime licence, or one-off via tokens
- Support for all EU6 technologies, such as VCC and NCC technology, iART, PCRS5 and more....
- CRIN injectors for light and medium vehicles
- CRDi medium power injectors
- Maximum pressure 2800 bar.



<b>X-Pack1</b>	----	CRU2rX-ih, BCN.B, DFI.01, DFI.02, SVI.01, CZI.01, BPI.01, BCI.01, HP90-M14/F12x15, HP-M12/F14x15, CZ-008541, CZ-007356	STANDARD EQUIPMENT
<b>X-Pack2</b>	007935105120	Coding set: BC.01, DLC.03, DNC.04.v2, RSP, 007121	OPTION
<b>X-Pack_VDO</b>	007935105130	Set for VDO authorisation: VDO: - VC.05, VDO. AUTH, CZ-007359, RSP, 007121	OPTION



# Injector tester ITB1RX / ITB4RX

ITB1RX air 007935104420

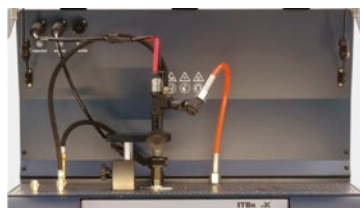
ITB1RX water 007935104430

ITB4RX air 007935104400

ITB4RX water 007935104410

The latest device for testing Common Rail injectors on the market. Professionals looking for advanced technology and broad application possibilities will particularly appreciate the device's capabilities. The ITB1RX / ITB4RX test stand is a completely self-contained, free-standing, power-driven unit suitable for pressures up to 2800 bar. The unit can handle all injection systems, including Heavy Duty injectors. The ITB1RX / ITB4RX test benches are available with an air or water (mains connection required) cooling system.

With the ITB1RX / ITB4RX series, it is possible to generate new codes for Bosch (IMA, ISA), Delphi (C2i, C3i, C4i), Denso (QR Code), CAT, John Deere, Siemens/VDO (IIC) injectors - for VDO-authorized service centres only. In addition, it is possible to carry out a regeneration procedure for the piezo element in Bosch, Denso, and Siemens/VDO injectors. Extensive database for all types of electromagnetic and piezoelectric injectors: Bosch, Delphi, Denso, Siemens/VDO/Continental. Free automatic software updates via Wi-Fi. For ease of use, a drawer for handy keys and adapters is fitted under the screen.



## ITB1RX accessory packages:

<b>X-Pack1</b>	----	CZ-007356, SVI.01, BCI.01, CZI.01, BCN.B, DFI.01, DFI.02, BPI.01, DEU.01, DGXS-A, DGXS-B, DG2P-A, DG3P-A	STANDARD EQUIPMENT
<b>X-Pack2</b>	007935105050	Coding set: BC.01, DLC.03, DNC.04.v2, RSP, 007116	OPTION
<b>X-Pack3</b>	007935105060	Advanced coding set: (BC.01, DLC.03, DNC.04.v2, CZ-007359, RSP, 007116, CRS.24, CZ-007114)x1, BCN.Bx1	OPTION
<b>X-Pack_VDO</b>	007935105070	Set for VDO authorisation: VC.05, VDO.AUTH, CZ-007359, RSP,007116	OPTION



## Pakiety akcesoriów ITB4RX:

<b>X-Pack1</b>	----	((AZO.B4Mx1), [(SVI.01, BCI.01, CZI.01, BCN.B, DFI.01, DFI.02, BPI.01, DEU.01, DGXS-A, DGXS-B, DG2P-A, DG3P-A, CZ-007356) x 4	STANDARD EQUIPMENT
<b>X-Pack2</b>	007935104990	Coding set: (BC.01, DLC.03, DNC.04.v2)x1, RSPx4, [(007110, 007111) x1	OPTION
<b>X-Pack3</b>	007935105000	Advanced coding set: (BC.01, DLC.03, DNC.04.v2)x1, [(CZ-007359, RSP)x4], CRS.24x2, [(007110, 007111) x1	OPTION
<b>X-Pack_VDO</b>	007935105010	Set for VDO authorisation: (VC.05, VDO.AUTH) x1, [(CZ-007359, RSP)]x4, [(007110, 007111) x1]	OPTION



## MTBRX / PTBRX injector and pump tester

MTBRX Air (MM: 007935104360)

MTBRX Water (MM: 007935104370)

PTBRX Air (MM: 007935104380)

PTBRX Water (MM: 007935104390)

Magneti Marelli MTBRX and PT-BRX test benches are modern and efficient tools for the precise measurement and testing of technologically advanced injectors and pumps (PTBRX - pumps only) used in common rail power systems. The current series of equipment also allows for testing high-pressure injectors and pumps used in GDI/TSI engine supply systems. Magneti Marelli is constantly developing its range of equipment for testing and repairing injection systems, and the currently offered, fourth generation of equipment - the "X" series, is among the most innovative solutions of its kind on the market. The MTBRX can diagnose coil and piezo injectors, as well as CRp pumps from Bosch, Delphi, Siemens-VDO and Denso, with the addition of a special Cambox, for all types of EUI/EUP injectors and GDI injectors and pumps. The database contains the latest EU5 and EU6 applications.



# ETBRX control and measurement module

007935105890

The most up-to-date electronic control and measurement module on the market, enabling the control and precise measurement of all injection systems used in modern diesel engines. Testing of CRDi injectors, CRp pumps, and EUI/EUP and HEUI pump injectors of all types and from all manufacturers.

Can be mounted on any conventional test table on the market. Very compact and modern design. Freely configurable: test 1 or 4 injectors, and/or CRp pump. Clear operating interface, fast and convenient installation.



- Test of all types of CR injectors and pumps: Bosch, Delphi, Denso, Siemens/VDO and others, with reference to the test results in the database.

- Dynamic electronic measurement of fuel mass for both injector and pump testing - high-flow system for pumps, providing exceptional accuracy and unprecedented measurement speed (up to 4 minutes!)

- Ability to work with Cambox (007935101820), and test HEUI injectors (optional)

- Pressure control up to 2800 bar

- Coding of Delphi (C2i/C3i/C4i), Bosch (IMA/ISA), Denso (QR code) and other injectors

- Fully automatic operation



MM code	ETBRX	ETBRX TEST MODULE FOR INJECTORS AND PUMPS - 1 SLOT, PRICE INCLUDES 1 SOFTWARE [CRDi, CRp, EUI/EUP, HEUI, EFI, GDI, GDP]
		<b>SOFTWARE</b>
007935105810	CRDi	CRDi TESTING
007935105820	CRp	CRP TESTING
007935105830	Eui/Eup	EUI/EUP TESTING EUI/EUP
007935105840	HEUI	HEUI HEUI TESTING
007935105850	Gdi/GDp	GDI/GDP EFI/GDI/GDP TESTING
007935105860	4 slots	NJECTOR TESTING ON 4 SLOTS
		<b>INSTRUMENTATION/DOSE MEASUREMENT (ELECTRONIC, MASS)</b>
007935105900	1 slot measurement	INJECTOR MEASUREMENT - 1 SLOT
007935105910	4 slots test	INJECTOR TESTING ON 4 SLOTS (4 SLOTS REQUIRED)
007935105920	4 slots measurement	INJECTOR MEASUREMENT - 4 SLOTS (4 SLOTS TEST REQUIRED)
007935105930	Upgr 4 slots test	UPGRADE FOR TESTING INJECTORS ON 4 SLOTS (1 SLOT MEASUREMENT REQUIRED)
007935105940	CRp measurement	PUMP MEASUREMENT (1 SLOT) INCLUDES AN EXTERNAL COOLING MODULE. (1 / 4 SLOT MEASUREMENT REQUIRED)



1 CRDi measurement



4 CRDi and  
1 CRp measurement



1 CRp measurement

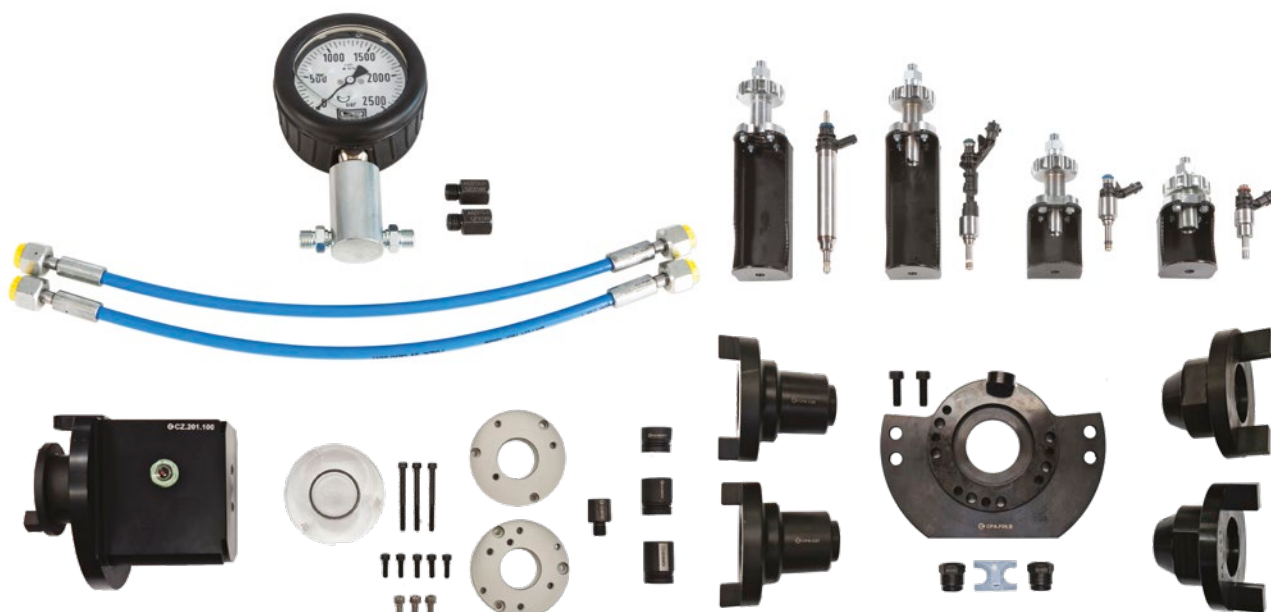
## BCR.4 (MM: 007935106010) - Injector testing holder

Holder for 4 injectors with built-in Common-Rail with pressure control (RDS sensor and DRV valve), high-pressure hoses for injector connection and cover. Ready to be mounted on any conventional test bench. It allows the convenient installation and testing of up to 4 injectors using the ETBRX module.



# Accessories for injector and pump testers

We have a wide range of accessories and attachments for testing the latest types of Common Rail and GDI injectors and pumps. In most cases, these products fit not only our equipment, but also all test benches on the market. Take a look at our extensive range of goods for professionals looking for advanced solutions.



A male technician wearing a blue jumpsuit with yellow trim and blue gloves is working on the underside of a silver car. He is using a green and black power drill. The car's license plate is 'CR 121ZK'. In the background, there is a yellow wall with the 'MAGNETI MARELLI' logo and a red piece of equipment.

**MAGNETI  
MARELLI**

PARTS & SERVICES

## CAR LIFTS



# MM Superlift 4000B/4000BS/230V

007935018165; 007935019990; 007935013715

## Floor Cover Plate Two Post Vehicle Lift



### TECHNICAL DATA

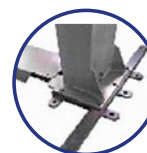
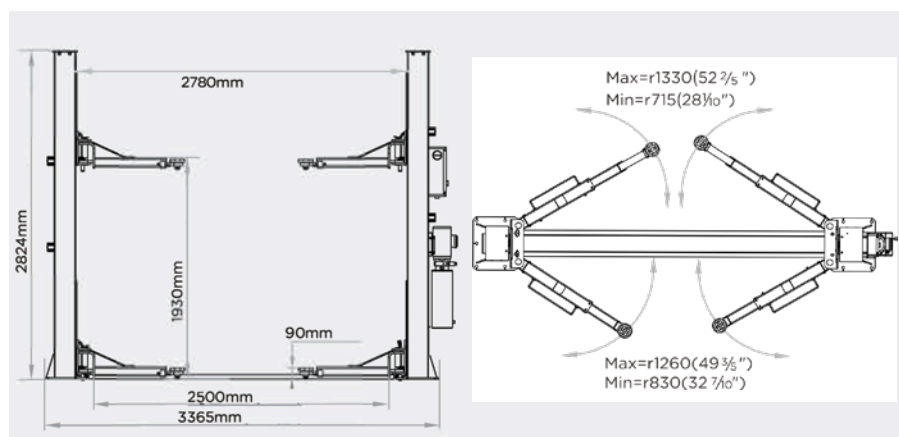
MODEL	MM Superlift 4000 B
Capacity	4.0 Ton
Lifting height	1930 mm (76")
Min height	90 mm (3½")
Max car width	2500 mm (100 ")
Power supply	400V 3PH 50/60Hz 2.2KW
Transport information	Loading QTY : 30 units/20' CTNR 2940•450•1somm (594 kg/units)
Quantity of oil	10 l
Foundation depth w/o floor covering	300 mm
Concrete strength	B25
Fuse protection	3C16 A
Size Of the concrete block	1,5 m x 4 m x 0,3 m
Full rise time	50s
Full rise	1930 mm
Height	2824 mm
Width	3365 mm
Inside columns	2780 mm



### OPTIONAL

NEW - 007935013715  
MM Superlift 4000B, 230V - lift  
2-column with connection on the floor, load capacity 4000  
kg. The price includes transport and assembly  
lift at the customer's site.

### DIMENSIONS



It is possible to order the lift in a version with a special  
reinforcement of the floor frame.  
007935019990 MM Superlift 4000BS

The version with an reinforced frame is only available  
upon special order!

The lift should be fixed on a smooth  
and solid concrete ground with its  
strength more than 210 kg/cm<sup>2</sup>,  
tolerance of fatness less than 5mm  
and minimum thickness of 300mm.  
In addition, newly built concrete ground  
must undergo more than 28 days'  
cure and reinforcement.



# MM Superlift 5000B

007935013690

**2 post lift with floor cover plate, load capacity 5000kg.  
Long lifting arms.**

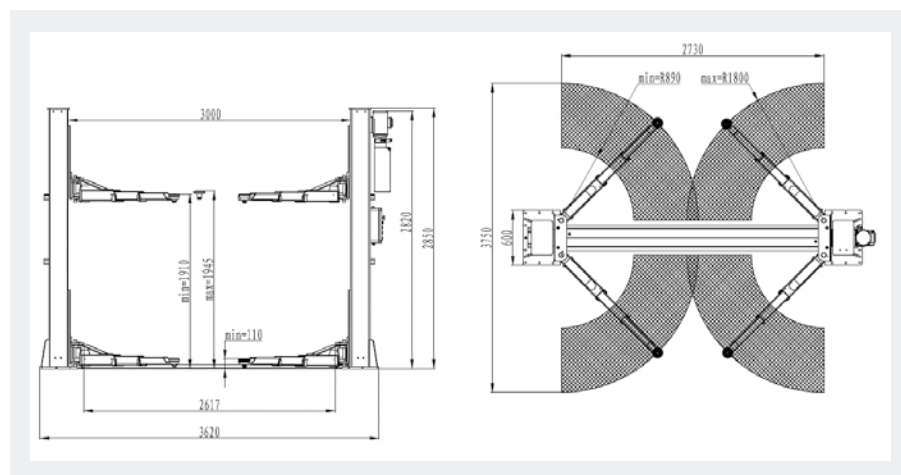


## TECHNICAL DATA

MODEL	MM Superlift 5000B
Machine weight	1000kg
Lifting capacity	5000kg
Machine lift height	1910mm
Platform initial height	110mm
Machine height	2850mm
Machine width	3620mm
Machine lifting time	≤45s
Machine descent time	About 45s
Standard power supply	3/N/PE-380V, 50Hz, 16A
Whole machine power	3kW
Hydraulic oil	12L corresponds to wearable hydraulic oil
Working temperature	5-40°
Working humidity	30-95%
Noisy	< 70db
Storage temperature	-25°-55°
Foundation depth w/o floor covering	300mm
Concrete strength	B25
Fuse protection	3C16 A
Size of the concrete block	1,5m x 4m x 0,3m



## DIMENSIONS



The lift should be fixed on a smooth and solid concrete ground with its strength more than 210 kg/cm<sup>2</sup>, tolerance of fatness less than 5mm and minimum thickness of 300mm. In addition, newly built concrete ground must undergo more than 28 days' cure and reinforcement.

# MM Superlift 4000UC/230V

007935018175; 007935013720

## Arch Type Clear Floor Two Post Vehicle Lift

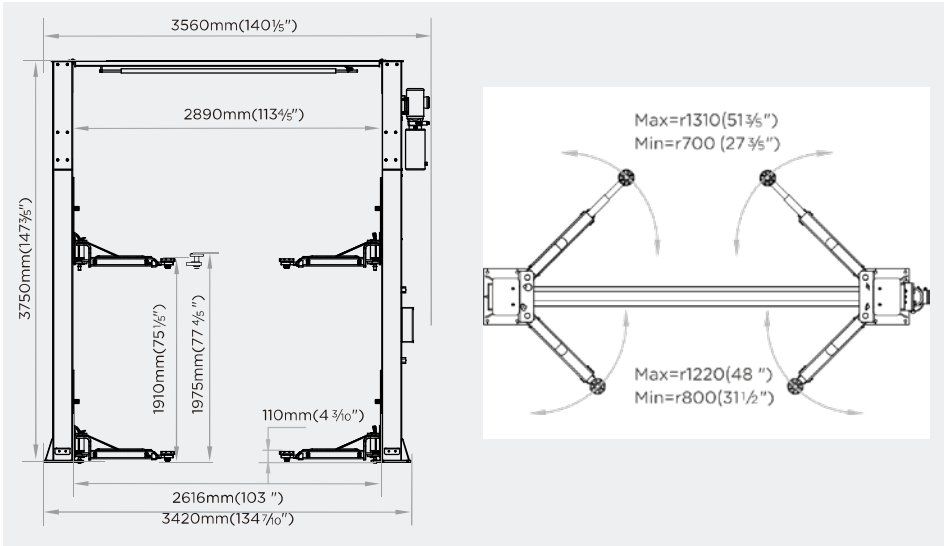


### TECHNICAL DATA

MODEL	MM Superlift 4000 UC
Capacity	4.0 Ton
Lifting height	1910 mm
Min height	110 mm
Max car width	2616 mm
Power supply	230V IPH 50/60 Hz 2.2 KW 230/400 V 3PH 50/60 Hz 2.2 kW
Shipping Information	Loading QTY : 30 units/20' CTNR 2940.450*750mm (641 kg/units)
Machine weight	670 kg
Lifting capacity	4000 kg
Machine lift height	1910 mm
Platform initial height	110 mm
Machine height	3750 mm
Machine width	3420 mm
Machine lifting time	≤45 s
Machine descent time	about 45s
Standard power supply	3/N/PE-400V, 50Hz,10A
Whole machine power	2.2 kW
Hydraulic oil	8 L corresponds to wearable hydraulic oil
Working temperature	5-40°C
Working humidity	30-95%
Noisy	< 70db
Storage temperature	-25°C--55°C
Foundation depth w/o floor covering	300 mm
Concrete strength	B25
Fuse protection	3C16 A
Size of the concrete block	1,5m x 4 m x 0,3 m



### DIMENSIONS



The lift should be fixed on a smooth and solid concrete ground with its strength more than 210 kg/cm<sup>2</sup>, tolerance of fatness less than 5mm and minimum thickness of 300mm. In addition, newly built concrete ground must undergo more than 28 days' cure and reinforcement.

# MM Superlift 6000 UC

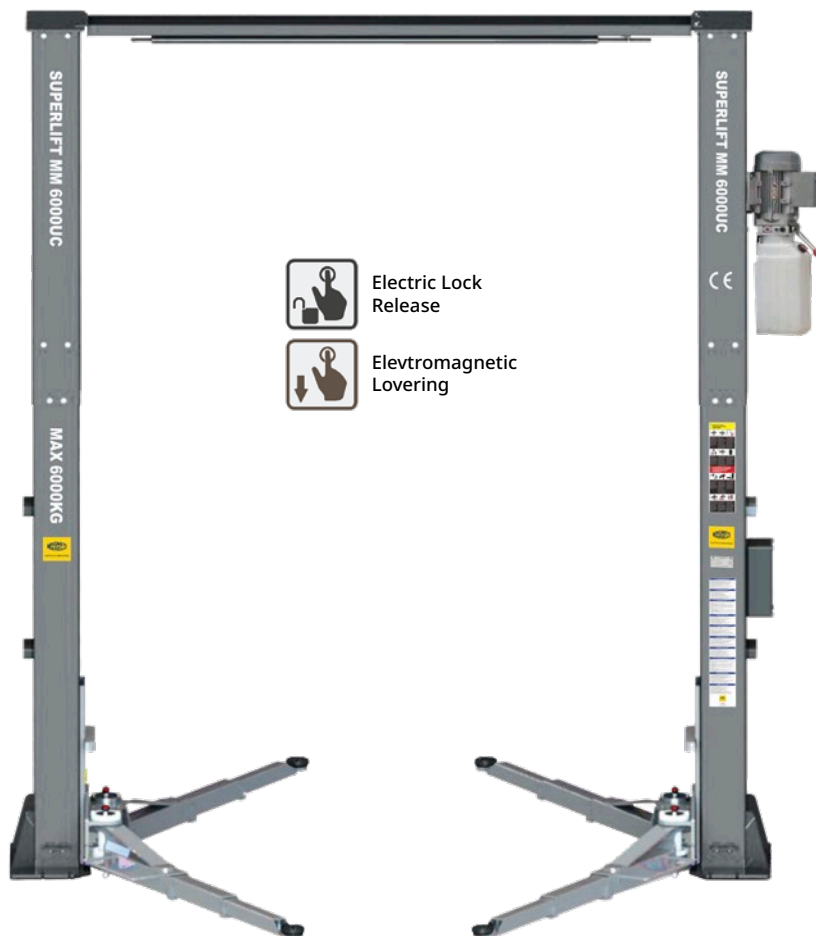
007935013685

**MM Superlift 6000 UC - arch type clear floor 2 post lift, load capacity 6000kg. Height 5 m. Exworks-assembly cost must be verified with local installation team.**

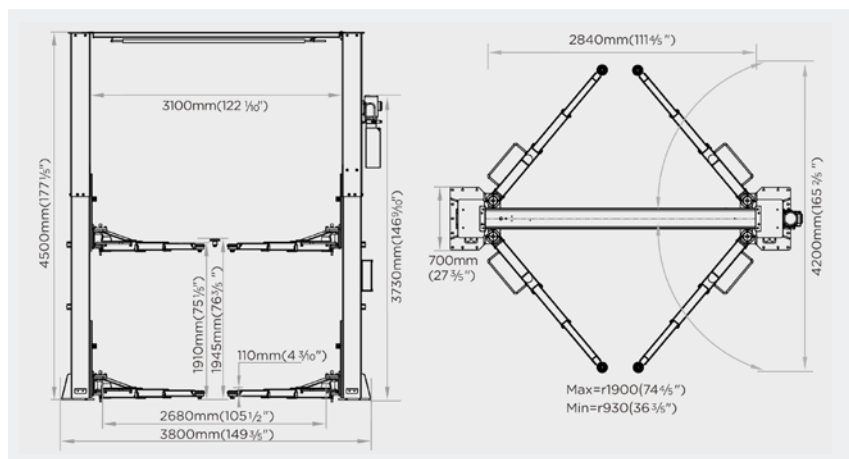


## TECHNICAL DATA

MODEL	MM Superlift 6000 UC
Machine weight	1400kg
Lifting capacity	6000kg
Machine lift height	1910mm
Platform initial height	110mm
Machine height	5000mm
Machine width	3800mm
Machine lifting time	≤55s
Machine descent time	About 55s
Standard power supply	3/N/PE-380V, 50Hz, 16A
Whole machine power	3kW
Hydraulic oil	12L corresponds to wearable hydraulic oil
Working temperature	5-40°
Working humidity	30-95%
Noisy	< 70db
Storage temperature	-25°-55°
Foundation depth w/o floor covering	300mm
Concrete strength	B25
Fuse protection	3C16 A
Size of the concrete block	1,5m x 4m x 0,3m



## DIMENSIONS



The lift should be fixed on a smooth and solid concrete ground with its strength more than 210 kg/cm<sup>2</sup>, tolerance of fatness less than 5mm and minimum thickness of 300mm. In addition, newly built concrete ground must undergo more than 28 days' cure and reinforcement.



# Mobile low lifting pantograph lift MMUH45M

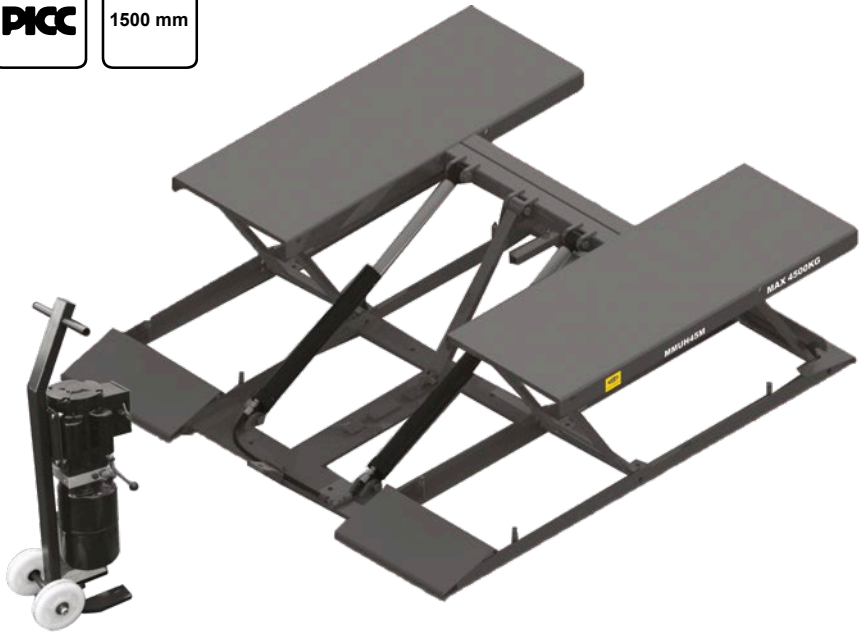
007935011090

Superior quality: Precision manufacturing using laser cutting and robotic welding  
Sustainable technology: Robust and reliable hydraulic drive, almost maintenance-free  
Lifting power: Sturdy, high-strength construction provides high lifting power  
Maximum security: Hydraulic double lowering lock system; emergency lowering system in the event of a power failure;  
safe lowering with warning signal  
Modern design: Powder-coated lift in an attractive anthracite colour

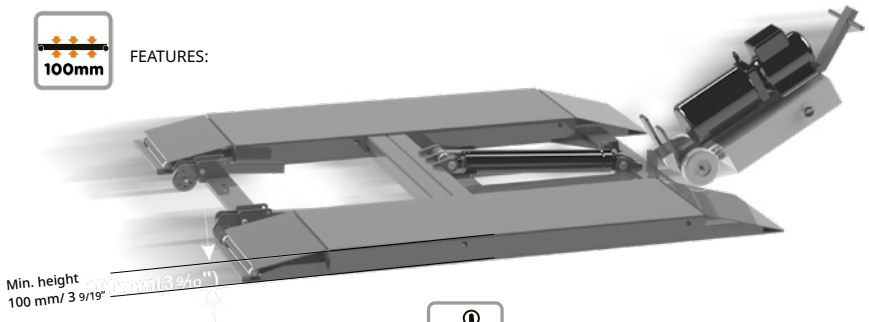


## TECHNICAL DATA

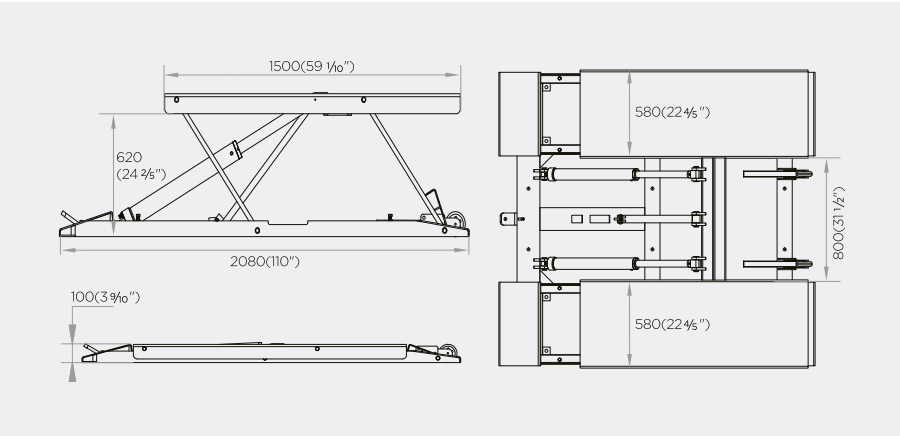
Model	MMUH45M
Drive	Electrohydraulic
Lifting capacity	4500 kg
Lifting height	620 mm
Initial platform height	100 mm
Platform length	1500 mm
Platform width	580 mm
Lifting time	≤20 s
Lowering time	≤20 s
Length of the entire lift	2080 mm
Width of the entire lift	1960 mm
Power supply	240V, 50Hz, 10A
Engine output	2.2 kW
Hydraulic oil	6 l
Operating temperature	5-40°C
Storage temperature	-25-55°C
Noise	< 70db



FEATURES:



## DIMENSIONS



Electromagnetic  
lowering



Automatic  
unlocking



Installation on a flat floor

### Requirements:

- Class B25 concrete, drying period at least 15 days
- Clean base course, concrete thickness >150 mm, level tolerance over entire length <10 mm
- Connection of the wheelhouse to power supply (400 V)

# Mobile lift low Scissorlift lifting MMUZ30LM

007935011080

Superior quality: Precision manufacturing using laser cutting and robotic welding  
Sustainable technology: Robust and reliable hydraulic drive, almost maintenance-free  
Lifting power: Mechanical lever system for full power lifting  
Maximum security: Hydraulic double lowering lock system;  
emergency lowering system in the event of a power failure; safe lowering with warning signal  
Modern design: Powder-coated lift in an attractive anthracite colour

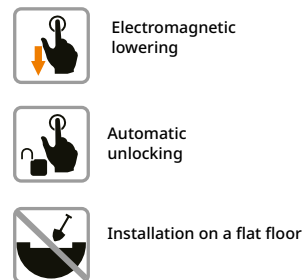
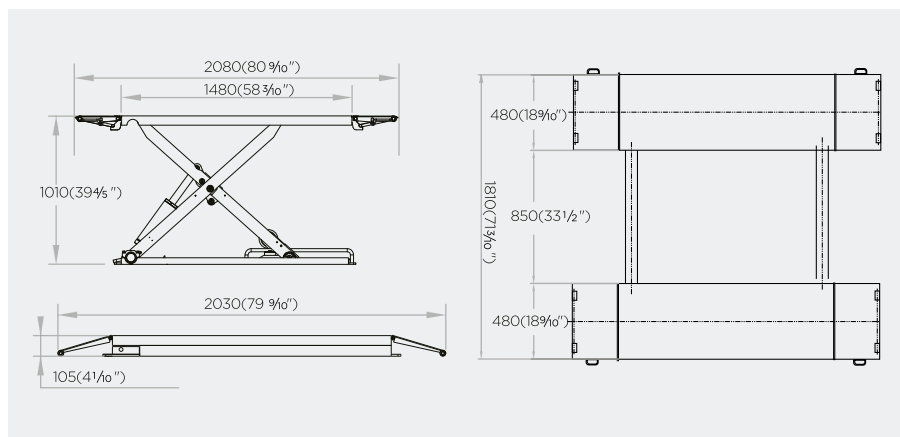


## TECHNICAL DATA

Model	MOBILE LIFT LOW Scissorlift LIFTING MMUZ30LM 007935011080
Drive	Electrohydraulic
Lifting capacity	3000 kg
Lifting height	1010 mm
Initial platform height	105 mm
Platform length	1480 mm
Platform width	480 mm
Lifting time	≤35 s
Lowering time	≤35 s
Length of the entire lift	2030 mm
Width of the entire lift	1810 mm
Power supply	240V, 50Hz, 10A
Engine output	2.2 kW
Hydraulic oil	6 l
Ambient temperature 5-40°C	5-40°C
Ambient humidity	30-95%
Noise	< 70db
Storage temperature	-25°C~55°C



## DIMENSIONS



### Requirements:

- Class B25 concrete, drying period at least 15 days
- Clean base course, concrete thickness >150 mm, level tolerance over entire length <10 mm
- Connection of the wheelhouse to power supply (400 V)

# Low lifting scissor lift MMUZ30Y

007935011075

Superior quality: Precision manufacturing using laser cutting and robotic welding  
Sustainable technology: Robust and reliable hydraulic drive, almost maintenance-free  
Lifting power: Sturdy, high-strength construction provides high lifting power  
Maximum security: Hydraulic double lowering lock system;  
emergency lowering system in the event of a power failure; safe lowering with warning signal  
Modern design: Powder-coated lift in an attractive anthracite colour



## TECHNICAL DATA

Model	LOW LIFTING SCISSOR LIFT MMUZ30Y 007935011075
Drive	Electrohydraulic
Lifting capacity	3000 kg
Lifting height	960 mm
Initial platform height	105 mm
Platform length	1450-2050mm
Platform width	480 mm
Lifting time	≤50 s
Lowering time	≤60 s
Length of the entire lift	2040 mm
Width of the entire lift	1760 mm
Power supply	3/N/PE~380V, 50Hz,10A
Engine output	2.2 kW
Hydraulic oil	15 l
Ambient temperature 5-40°C	5-40°C
Ambient humidity	30-95%
Noise	< 70db
Storage temperature	-25°C~55°C

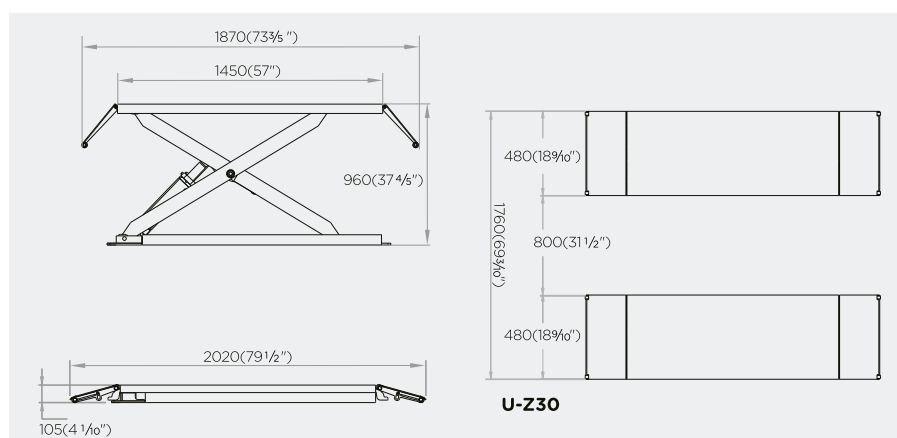


Overrun protection to stabilise longer vehicles on the platform



Rubber pads

## DIMENSIONS



Electromagnetic lowering



Pneumatic lock release



Installation on a flat floor

### Requirements:

- Class B25 concrete, drying period at least 15 days
- Clean base course, concrete thickness >150 mm, level tolerance over entire length <10 mm
- Connection of the wheelhouse to power supply (400 V)
- Connection of the wheelhouse to the compressed air system (φ8 x 5mm)
- sprężonego powietrza (φ8 x 5mm)



# Sub-threshold scissor lift MMUB30Y

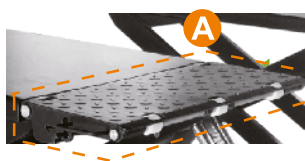
007935011085

Superior quality: Precision manufacturing using laser cutting and robotic welding  
Sustainable technology: Robust and reliable hydraulic drive, almost maintenance-free  
Lifting power: Sturdy, high-strength construction provides high lifting power  
Maximum security: Hydraulic double lowering lock system;  
emergency lowering system in the event of a power failure; safe lowering with warning signal  
Modern design: Powder-coated lift in an attractive anthracite colour



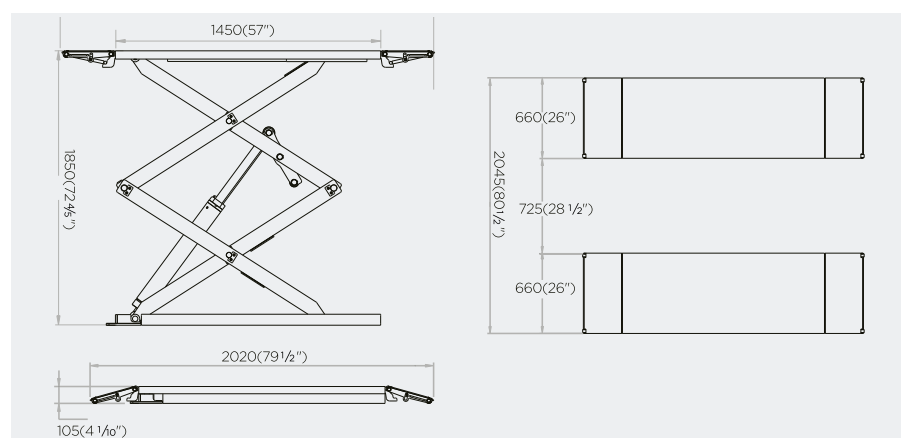
## TECHNICAL DATA

Model	PODNOŚNIK NOŻYCOWY PODPROGOWY MMUB30Y 007935011085
Drive	Elektrohydrauliczny
Lifting capacity	3000 kg
Lifting height	1850 mm
Initial platform height	105 mm
Platform length	1450-2050 mm
Platform width	660 mm
Lifting time	≤55 s
Lowering time	≤55 s
Length of the entire lift	2020 mm
Width of the entire lift	2045 mm
Power supply	3/N/PE~380V, 50Hz, 10A
Engine output	2.2 kW
Hydraulic oil	16 l
Air pressure	6-8 bar
Ambient temperature 5-40°C	5-40°C
Ambient humidity	30-95%



Overrun protection to stabilise longer vehicles on the platform

## DIMENSIONS



Electromagnetic lowering



Pneumatic lock release



Installation on a flat floor

### Requirements:

- Class B25 concrete, drying period at least 15 days
- Clean base course, concrete thickness >150 mm, level tolerance over entire length <10 mm
- Connection of the wheelhouse to power supply (400 V)
- Connection of the wheelhouse to the compressed air system (φ8 x 5mm)
- sprężonego powietrza (φ8 x 5mm)

# Scissor Lift MM Superlift

## MM Superlift 5000SC/5000SCX

007935018210; 007935011070

Superior quality: Precision manufacturing using laser cutting and robotic welding  
Sustainable technology: Robust and reliable hydraulic drive, almost maintenance-free  
Lifting power: Sturdy, high-strength construction provides high lifting power  
Maximum security: Hydraulic double lowering lock system;  
emergency lowering system in the event of a power failure; safe lowering with warning signal  
Modern design: Powder-coated lift in an attractive anthracite colour

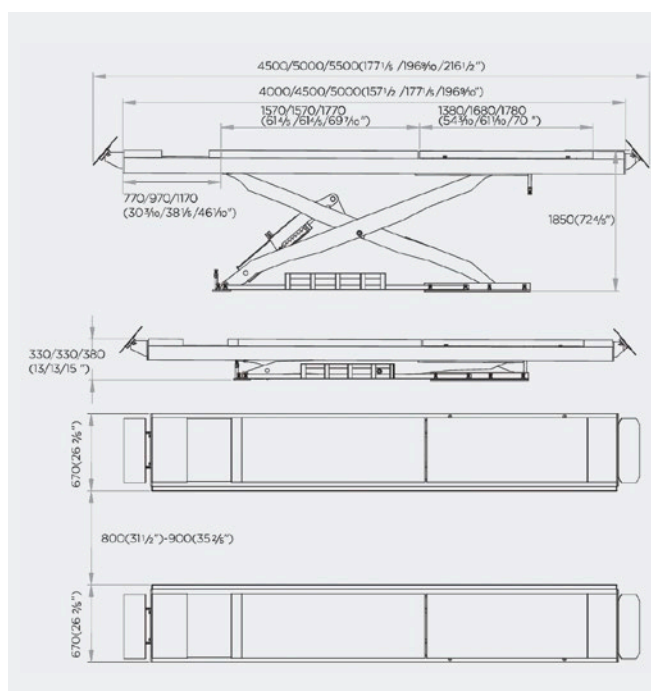


### TECHNICAL DATA

MODEL	MM Superlift 5000SC/5000SCX
Rated load capacity	5500 kg
Drive	Electrical hydraulic
Main machine lift height	1850 mm
Platform initial height	380 mm
Length of raids	5000 mm
Platform width	670 mm
Main machine lifting time	≤55 s
Main machine descent time	≤55 s
Whole machine length	5500 mm
Whole machine width	2140~2240 mm
Lifting capacity of the under-axle lift	3000 kg
Power supply	3/N/PE~380V, 50Hz, 10A
Whole machine power	2.2 kW
Hydraulic oil	18 l
Air pressure	6-8 bar
Working temperature	5-40°C
Working humidity	30-95%
Noise	< 70 db
Storage temperature	-25°C~55°C
Concrete strength	B25
Fuse protection	3C16 A



### DIMENSIONS



Pneumatic lock release



Electromagnetic lowering



For alignment

### Requirements

- Concrete type B25, the period of desiccation is 15 days
- Clean the basic layer, thickness of concrete ≥ 150 mm, the levelness of whole length ≤ 10mm
- Perfect parallelism between holes.
- Connect to the power supply jack of control box (400V)
- Connect to the compressed air-entering pipe of control box (φ8×5mm)

# 4-column lift for geometry adjustment MM Superlift 5500QC

007935013850

Superior quality: Precision manufacturing using laser cutting and robotic welding

Sustainable technology: Robust and reliable hydraulic drive, almost maintenance-free

Lifting power: Sturdy, high-strength construction provides high lifting power

Maximum security: Hydraulic double lowering lock system;

emergency lowering system in the event of a power failure; safe lowering with warning signal

Modern design: Powder-coated lift in an attractive anthracite colour



Manual lock release



Electromagnetic lowering



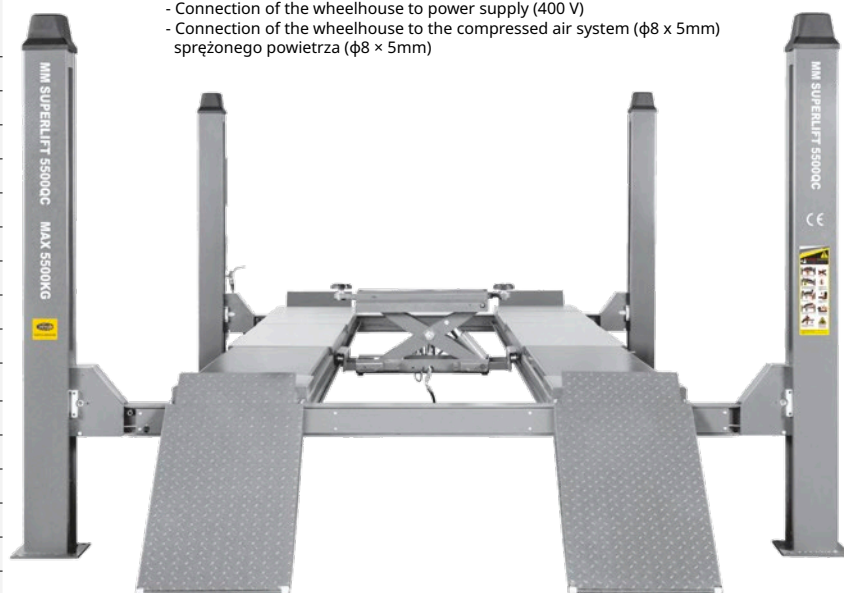
For alignment

## TECHNICAL DATA

Model	4-column lift for geometry adjustment MM Superlift 5500QC 007935013850
Drive	Electrical hydraulic
Rated load capacity	5500 kg
Main machine lift height	1750 mm
Platform initial height	250 mm
Length of raids	5490 mm
Platform width	530 mm
Main machine lifting time	≤55 s
Main machine descent time	≤55 s
Whole machine length	6490 mm
Whole machine width	3340 mm
Lifting capacity of the under-axle lift	3000 kg
Power supply	3/N/PE~380V, 50Hz, 10A
Whole machine power	2.2 kW
Hydraulic oil	10 l
Air pressure	6-8 bar
Working temperature	5-40°C
Working humidity	30-95%
Noise	< 76 db
Storage temperature	-25°C~55°C
Concrete strength	C20
Fuse protection	3C16 A

### Requirements:

- Class B25 concrete, drying period at least 15 days
- Clean base course, concrete thickness >150 mm, level tolerance over entire length <10 mm
- Connection of the wheelhouse to power supply (400 V)
- Connection of the wheelhouse to the compressed air system (φ8 x 5mm)  
sprężonego powietrza (φ8 x 5mm)



Electro-hydraulic axle lift

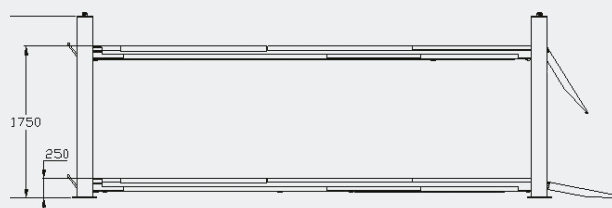
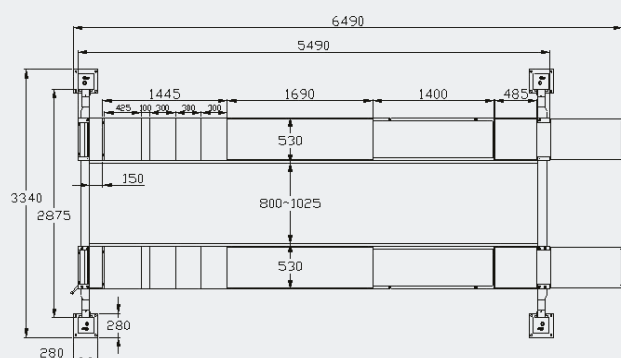


Turntables and rear suspension release plates

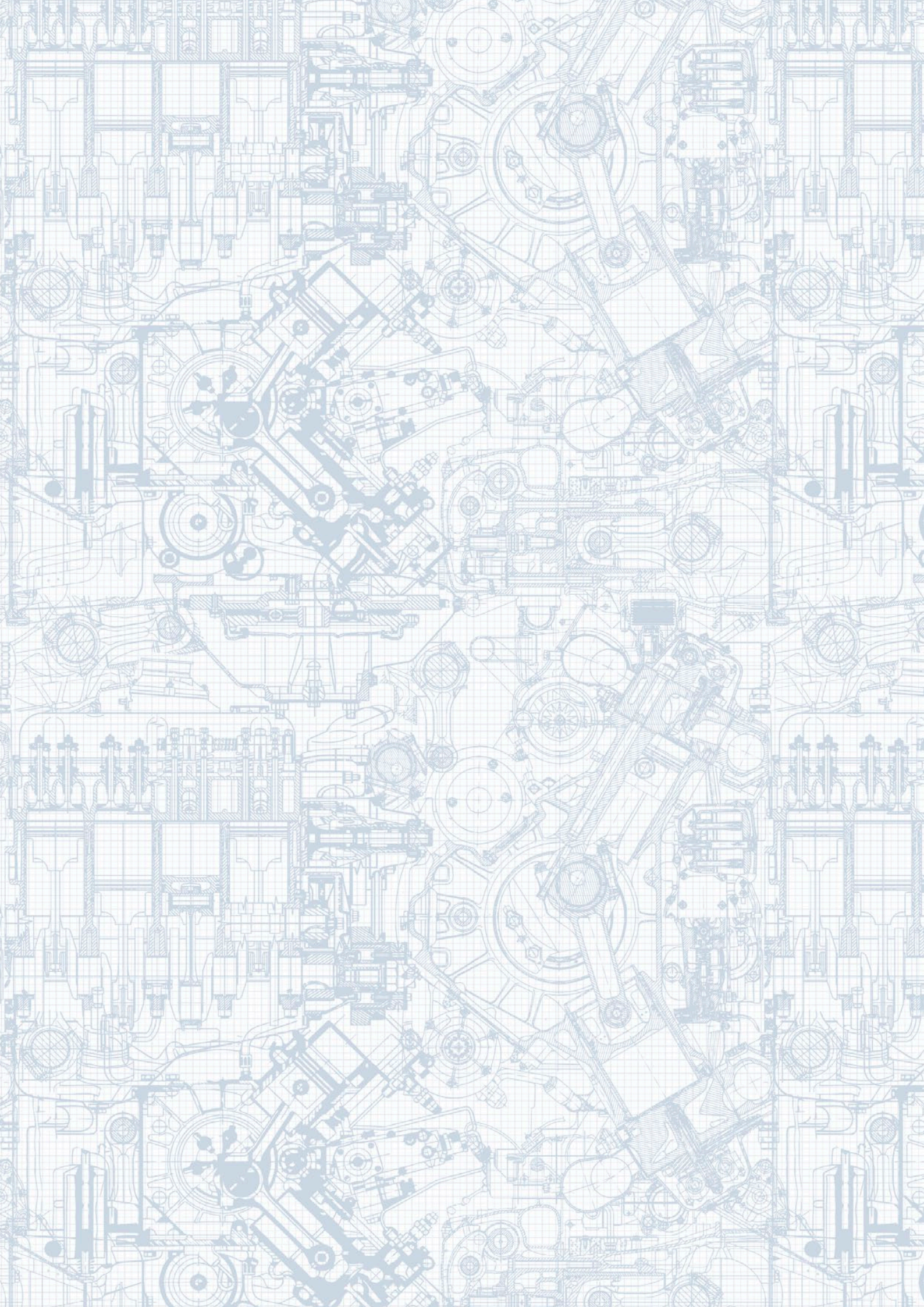


Remote control

## DIMENSIONS











**MAGNETI  
MARELLI**

PARTS & SERVICES

## WORKSHOP EQUIPMENT



# ATF EXTRA PRO IOT

## 007935110955

**Magneti Marelli** is constantly expanding its offer of devices and accessories for the dynamic replacement of ATF fluid in automatic transmissions. We currently offer 3 devices, thanks to which we can meet the requirements of every user. The devices are intended for rinsing and dynamic replacement of ATF fluid in automatic transmissions. The replacement procedure is recommended every 60,000 km, or even more often in the case of very intensively used vehicles. Magneti Marelli ATF fluid replacement devices are sold with a 2-day theoretical and practical training in the operation of automatic transmissions (for one person), organized at the Magneti Marelli Training Center in Sosnowiec.



**LISTA PRAC**

AUDI  
BMW E39 5L40E

**POTRZEBUJE...**

AUDI

032 (0079351104) 033 (00793511044)

**CYKL AUTOMATYCZNY**

Nowy olej	3.8 L
Stary olej	10.6 L
Zbiornika	Pusty
<b>GENERIC ATF</b>	19°C

**CO MUSZE ZROBIC**

Zbyt niska temperatura oleju

Czekaj na nagrzanie

19°C --> 30°C

Due to the increasing number of vehicles equipped with automatic transmissions, service stations specializing in gearbox servicing feel the growing need to have a reliable device enabling easy, automatic replacement of ATF fluid. With the help of our ATF EXTRA PRO series device, one operator is able to perform such a replacement in any vehicle equipped with an automatic transmission. The device has an electronic control system, two scales, an automatic rinsing detergent applicator, and thanks to connection with the MM ATF INFOTEK database (in the case of ATF EXTRA PRO IOT), it enables full automation of the process and the generation of a clear service report. We offer dozens of special connection adapters for devices, available individually or in sets.



# ATF EXTRA PRO

## 007935111060



### TECHNICAL DATA

- ▶ full automatic
- ▶ one-year license for the MM ATF INFOTEK database for free!
- ▶ precise measurement of the mass of new and old fluid
- ▶ automatic detection of flow direction
- ▶ variable displacement pump
- ▶ automatic gearbox flushing cycle
- ▶ illuminated sight glass for assessing fluid purity
- ▶ fluid temperature measurement
- ▶ Wi-Fi module (in ATF EXTRA PRO IOT)
- ▶ 5.5" color screen (in ATF EXTRA PRO IOT)
- ▶ drawer for handy tools (in ATF EXTRA PRO)
- ▶ thermal printer
- ▶ 12V DC power supply

### 007935110965

Database with information about chests automatic online - annual activation.

Home FAQ My Users Logout English

**MAGNETI MARELLI** Automatic Transmission ONLINE INFOTEK

AUDI

Type	Year	Version	Search
AB AVANT	2006	2006 DIESEL 4WD	Search
		Maximum Net Power (in Kw)	Engine Identification Number
AB AVANT - 2006 DIESEL 4WD	120.00	BSG CAN	6 <a href="#">Select</a>
AB AVANT - 2006 DIESEL 4WD	132.00	BPP	6 <a href="#">Select</a>
AB AVANT - 2006 DIESEL 4WD	140.00	CAN	6 <a href="#">Select</a>

Can't find your Car in the Catalogue?

2024 - PIVA 02832620940 - Privacy - Terms of service

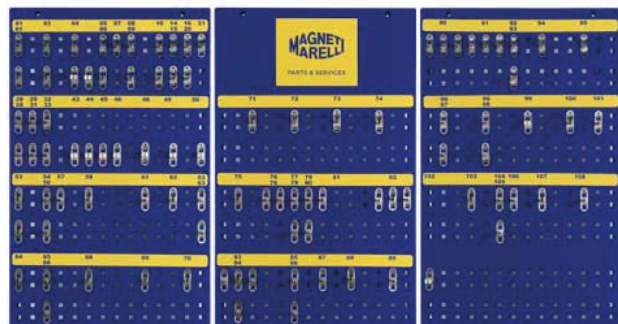
### ACCESSORIES

### 007935110020

Spare filter for the ATF EXTRA PRO device

### 007935111065

Board for hanging 79 adapters



### 007935110975

Set of 79 connectors for the ATF fluid replacement device



# MM TC-200

## 007935016745

The MM-TC200 device allows you to drain the gearbox from used oil, flush it with a appropriate detergent, and fill it with fresh oil up to the level recommended by the manufacturer. Unlike the previous version of the device, the MM-TC200 uses variable displacement pump, Parker quick couplers, new hoses inside the unit, and refreshed front panel. Thanks to the use of a 1-phase motor powered with 230V, the machine does not require complicated connections, which increases the flexibility of applications. The device operates in manual mode, which requires more intervention by the operator than in the case of a ATF Extra Pro. Adapters are not included in the unit and are available in sets or individually.

- ▶ simple, intuitive design
- ▶ low operating costs
- ▶ compact dimensions
- ▶ 230V AC power supply
- ▶ gearbox flushing function
- ▶ two sight glasses to check the fluid purity
- ▶ connectors and adapters available separately and in sets



### 007950025420

Flushing Fluid For Automatic Gearboxes  
1 L



### 007950026101

Fabric softener gearboxes  
12X400ml

### 007950026100

Fabric softener gearboxes  
400ml



### 007950025430

Flushing Fluid For Automatic Gearboxes 5 L



### 007935013700

**Manual pump for liquids with 20 adapters**

Hand-held devices for filling gearboxes and differentials.



## TECHNICAL DATA

Maximum oil viscosity: SAE 140  
Tank capacity: 7.5l  
Drain pipe  
Connection hose: 2m  
Set of 20 connection adapters  
Operating temperature range: 0-60°C



# MM ATF INFOTEK 007935110965

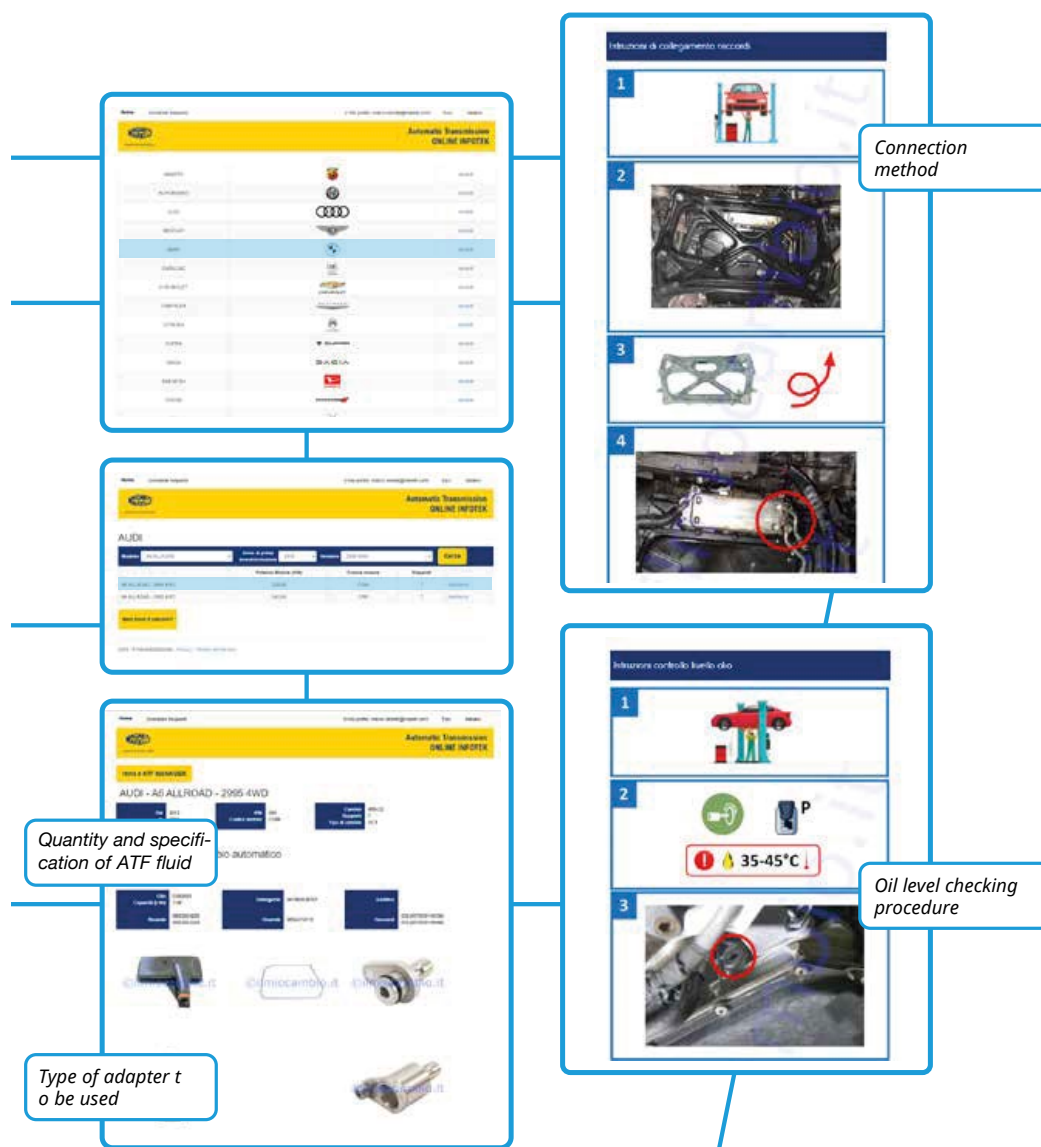
- online database with information on automatic transmissions

# MM ATF INFOTEK 007935110970

online database with information on automatic transmissions

- license renewal for another year

The database contains several hundred vehicle models with detailed information on the types of gearboxes used in them. When using the ATF EXTRA PRO IOT, the parameters of the vehicle searched in the MM ATF INFOTEK database can be transferred via the internet to the device, so that it is automatically set up to handle the gearbox in question (amount of ATF fluid, flushing time, etc.). A clear service report will be generated on completion of the service.



- ▶ an extensive vehicle database with 54 car brands, totalling more than 8,000 different versions.
- ▶ intuitive vehicle search, information in 23 languages
- ▶ information on the quantity and type of oil in a particular gearbox
- ▶ Identification of spare part numbers, such as oil sump and filter
- ▶ drawings and photos of actual gear components
- ▶ location of connectors to connect ATF fluid exchange device
- ▶ pictures and numbers of adapters fitting specific connectors
- ▶ description of procedure for checking gearbox oil level
- ▶ tightening torques for the various plugs (drain plug, filling plug, level check)
- ▶ data request function for crate models not currently in the database



## CONNECTORS, ADAPTERS



ADAPTER	MM CODE	DESCRIPTION
number 001	007935110120	Male adapter VOLVO (C30-C70-S40-S60-S70-S80-V40-V50-V70)
number 003	007935110140	Group adapter PSA - RENAULT
number 004	007935110150	Adapter VW DSG
number 005	007935110160	Female adapter GM - FIAT - FORD - JEEP - CHRYSLER - SAAB - MERCEDES
number 006	007935110170	Female adapter GM - FIAT - FORD - JEEP - CHRYSLER - SAAB - MERCEDES
number 007	007935110180	JEEP - MITSUBISHI - GM - SUZUKI - TOYOTA
number 008	007935110190	Male adapter AUDI
number 009	007935110200	Female adapter AUDI
number 010	007935110210	ALFA ROMEO 159
number 014	007935110250	Male adapter BMW - JAGUAR
number 015	007935110260	Female adapter BMW - JAGUAR
number 016	007935110270	Male adapter SAAB
number 020	007935110310	Male adapter BMW 1 (SERIE 7-Z3)
number 021	007935110320	Female adapter BMW 1 (SERIE 7-Z3)
number 028	007935110390	VW TRANSPORTER LT (2x1)
number 029	007935110400	Male adapter VOLVO (XC60-XC70-XC90)
number 031	007935110420	ALFA ROMEO 156 JTD
number 032	007935110430	Male adapter AUDI (100-A4-A5-A6-A8) VW (BEETLE-PASSAT-PHAETON-TIGUAN-TOUAREG)
number 033	007935110440	Female adapter AUDI (100-A4-A5-A6-A8) VW (BEETLE-PASSAT-PHAETON-TIGUAN-TOUAREG)
number 043	007935110530	Cable 3/8 - ALFA ROMEO 156 1.6 and 166
number 044	007935110600	Connecting cable to 1/2" cable
number 045	007935110540	Cable 1/2 - BMW-CHEVROLET-HONDA-HYUNDAI-JAGUAR-JEEP-KIA-LAND ROVER-LEXUS-MITSUBISHI- OPEL- ROVER-SUZUKI-TOYOTA
number 046	007935110550	Cable 3/4 - HONDA-HYUNDAI-KIA-LEXUS
number 047	007935110560	Adapter 90° - ALFA ROMEO 156 1.6e 166
number 048	007935110570	Adapter NISSAN - DAIHATSU - SUZUKI
number 049	007935110580	Adapter CAMBIO AISIN FIAT - LANCIA - FORD
number 050	007935110610	Adapter SC PSA 130mm
number 053	007935110630	Adapter AUDI A8 PORSCHE
number 054	007935110640	Male adapter BMW 6HP

ADAPTER	MM CODE	DESCRIPTION
number 056	007935110650	Male adapter BMW X5 X6
number 057	007935110660	Male adapter BMW X5 X6
number 058	007935110670	Adapter / flange NISSAN RENAULT MITSUBISHI
number 061	007935130460	Adapter BMW 6HP21 from 2006-
number 062	007935130450	ADAPTER NISSAN RENAULT MITSUBISHI 6 SPEED from 2011-
number 063	007935130470	Adapter 9HP - JEEP - DFromGE - FIAT from 2014-
number 064	007935130480	Adapter 9HP - RANGE ROVER from 2011-
number 065	007935130490	Male adapter BMW 8HP-45 from 2011-
number 066	007935130500	Male adapter BMW 8HP-45 from 2011-
number 068	007935110760	Adapter CVT K41 TOYOTA from 2008-
number 069	007935110765	Adapter from TG81 VOLVO - BMW/Mini/Saab from 2016
number 070	007935110770	Adapter from TF71 - 72 - PSA - BMW from 2015-
number 071	007935110775	Adapter from VOLVO
number 072	007935110782	Adapter 2 for TF71 - 72 - PSA - BMW
number 073	007935110783	Adapter GA6F21AW - BMW - MINI
number 074	007935110785	Adapter from Toyota Avensis K311
number 075	007935110790	Adapter from Toyota Corolla
number 076	007935110805	Adapter STELVIO (2 sztuki)
number 077	007935110810	Male adapter TOYOTA-LEXUS small diameter
number 078	007935110815	Male adapter TOYOTA-LEXUS small diameter
number 079	007935110820	Male adapter TOYOTA-LEXUS large diameter
number 080	007935110825	Male adapter TOYOTA-LEXUS large diameter
number 081	007935110830	Adapter from NISSAN CVT
number 082	007935110835	Adapter from JAGUAR LAND ROVER (3 PZ)(082)
number 083	007935110840	Adapter from VOLKSWAGEN TIGUAN (083)
number 084	007935110905	Male adapter FORD (084)
number 085	007935110910	Male adapter FORD (085)
number 086	007935110845	Male adapter MERCEDES 7 MARCE (086)
number 087	007935110850	Male adapter MERCEDES 7 MARCE (087)
number 088	007935110855	Adapter from PIASTRA MAZDA 6 MARCE (088)
number 089	007935110915	Male adapter AUDI LANDROVER JAGUAR(089)
number 090	007935110920	Adapter from COMPOSTO FORD RANGER (090)
number 091	007935110925	Adapter from COMPOSTO IVECO (091)
number 092	007935110860	Male adapter AUDI OBK (092)
number 093	007935110865	Male adapter AUDI OBK (093)
number 094	007935110870	Adapter from PSA 8 MARCE (SCAMB ALTO)(094)
number 095	007935110875	Adapter from PSA 8 MARCE (SCAMB BASSO)(095)
number 096	007935110880	Male adapter AUDI VW (096)
number 097	007935110885	Male adapter AUDI VW (097)
number 098	007935110890	Adapter from FORD TRANSIT (098)
number 099	007935110930	Adapter from SINGOLO MERCEDES 7G DCT V2(099)
number 100	007935110935	Adapter from PIASTRA BMW MINI (100)
number 101	007935110940	Male adapter BMW G (101)
number 102	007935110945	Male adapter BMW G (102)
number 103	007935111070	Adapter BMW MINI (103)
number 104	007935110990	Male adapter VOLVO FORD LAND ROVER JAGUAR (104)
number 105	007935110995	Male adapter AUDI PORSCHE (105)
number 106	007935111000	Male adapter SAAB MERCEDES JEEP (106)
number 107	007935111075	Adapter HONDA 9HP (107)
number 108	007935111005	Single adapter 6 DCT 450/470 (108)

# Tyre changers



## Tyre fitting machine MM-HC1224LL

007935017775

## Tyre fitting machine MM-HC1224LL2V

- 2 table speeds

007935017875

## Tyre fitter MM-HC1224LLT2V

- 2 table speeds + inflator

007935017885

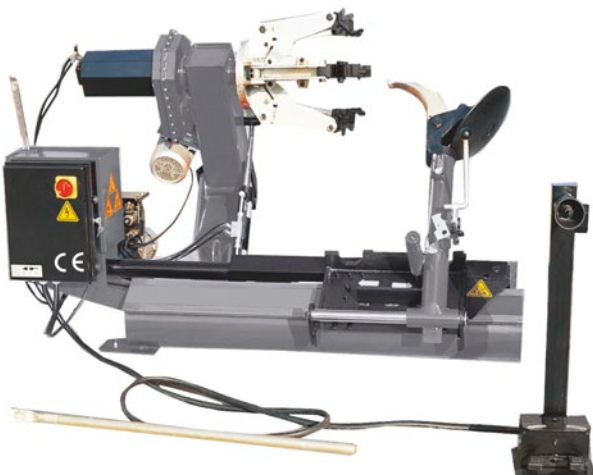
### Characteristic:

- ▶ Automatic handling of rims from 11" to 27"
- ▶ External spacing up to 25"
- ▶ Mechanical pin lock
- ▶ Standard operating lever with pneumatic cylinder
- ▶ Pneumatically swivelling working arm
- ▶ Set of alloy wheel covers included
- ▶ Support arm for low-profile tyres
- ▶ Two table speeds - model MM-HC1224LL2V and MM-HC1224LLT2V
- ▶ Inflator in table jaws - model MM-HC1224LLT2V
- ▶ Automatic tyre fitting/removal head - optional

### Technical data:

- ▶ Dimensions of outer locking rim 10-25"
- ▶ Dimensions of inner locking rim 12-27"
- ▶ Max. wheel diameter 1143 mm (45")
- ▶ Max. wheel width 406 mm (16")
- ▶ Operating pressure 810 bar
- ▶ Power supply 110V (1ph)/ 220V (1ph)/ 380V (3ph)
- ▶ Optional motor power 0.75/0.55/1.1 kW
- ▶ Max. torque (rotary table) 1078 Nm
- ▶ Overall dimensions 1130x900x1030mm
- ▶ Noise level <75dB

Complete set: Auxiliary arm, tyre lever, covers (jaws, impactor, head, rim), tyre pressure, hose, inflation gun with electronic pressure gauge (on MM-HC1224LLT2V a pedal-operated unit with pressure gauge for inflating the wheel), brush



## Tyre changer

## MM-TC1223V(2 SPEED)

007935017240

## Tyre changer

## MM-TC1223VIT

(2 SPEED, INFLATOR)

007935017250

### Characteristic:

- ▶ Automatic handling of rims from 11" to 26"
- ▶ External spacing up to 23"
- ▶ Mechanical pin lock
- ▶ Standard operating lever with pneumatic cylinder
- ▶ Two table operating speeds
- ▶ Pneumatically swivelling working arm
- ▶ Inflator with pressure gauge - Version MM-TC1223 2V IT
- ▶ Auxiliary arm for non-standard rims (optional)

### Technical data:

- ▶ Dimensions of outer locking rim 12-23"
- ▶ Dimensions of inner locking rim 14-26"
- ▶ Max. wheel diameter 1143 mm (45")
- ▶ Max. wheel width 406 mm (16")
- ▶ Operating pressure 810 bar
- ▶ Power supply 110V (1ph)/ 220V (1ph)/ 380V (3ph)
- ▶ Optional motor power 0.75/ 0.55/ 1.1 kW
- ▶ Max. torque (rotary table) 1078 Nm
- ▶ Overall dimensions 1130x900x1050mm
- ▶ Noise level <75 dB
- ▶ Two table speeds
- ▶ Inflator

Complete set: Tyre lever, hose, inflation gun with pressure gauge (pedal-operated wheel inflation gauge module on MM-TC1223 2V IT), brush

## MMU290 Truck wheel fitter 14"-26"

007935013755

### Characteristic:

The MMU290 fitter has been specially designed for removing bus and truck tyres with rims from 14" to 26" in diameter and a maximum tyre diameter of 1600 mm. The strong wheel holder ensures stable and safe operation, and the efficient hydraulic drive allows for easy tire replacement.

### Technical data:

- ▶ Hydraulic pump motor 1.5 kW
- ▶ Wheel rotation drive 2.2 kW
- ▶ Range of supported rims 14"-26"
- ▶ Max. wheel diameter 1600 mm
- ▶ Max. wheel width 780 mm
- ▶ Max. wheel weight 500 kg
- ▶ Operating noise <70 dB (A)



# Wheel balancers



## Wheel balancers MM-HC1024FA

007935017275

### Characteristic:

- ▶ 17" LCD monitor, intuitive and flexible user interface
- ▶ Various balancing programmes: static, dynamic,
- ▶ 9 wheel balancing modes
- ▶ Automatic measurement of wheel parameters, including rim width
- ▶ Intelligent auto-calibration and self-diagnosis function
- ▶ Holder for handy tools and mounting cones

### Technical data:

- ▶ Wheel weight max: 65 kg
- ▶ Engine power: 200 W
- ▶ Power supply: 230 V/50 Hz
- ▶ Balancing precision:  $\pm 1$  g
- ▶ Rotation speed: 200 rpm
- ▶ Cycle time: 8 s
- ▶ Rim diameter: 10" - 24" (256mm - 610mm)
- ▶ Rim width: 1,5" - 20" (40mm - 510mm)
- ▶ Noise level: <70 dB
- ▶ Net weight: 105 kg
- ▶ Dimensions: 960mmx760mmx1600mm

### Standard equipment:

- ▶ Protective cover
- ▶ Centring cones
- ▶ Pliers
- ▶ Calliper
- ▶ Shaft
- ▶ Lock



## Wheel balancers MM-HC1024FA

007935017805

### Characteristic:

- ▶ 17" LCD monitor, intuitive and flexible user interface
- ▶ Various balancing programmes: static, dynamic,
- ▶ 9 wheel balancing modes
- ▶ Automatic measurement of wheel parameters, including rim width
- ▶ Intelligent auto-calibration and self-diagnosis function
- ▶ Holder for handy tools and mounting cones

### Technical data:

- ▶ Wheel weight max: 65 kg
- ▶ Engine power: 200 W
- ▶ Power supply: 230 V/50 Hz
- ▶ Balancing precision:  $\pm 1$  g
- ▶ Rotation speed: 200 rpm
- ▶ Cycle time: 8 s
- ▶ Rim diameter: 10" - 24" (256mm - 610mm)
- ▶ Rim width: 1,5" - 20" (40mm - 510mm)
- ▶ Noise level: <70 dB
- ▶ Net weight: 105 kg
- ▶ Dimensions: 960mmx760mmx1600mm

### Standard equipment:

- ▶ Protective cover
- ▶ Centring cones
- ▶ Pliers
- ▶ Calliper
- ▶ Shaft
- ▶ Lock
- ▶ Calibration weight



## MMU150 Truck wheel balancer

007935013760

### Characteristic:

- ▶ Different balancing modes for punched and glued weights
- ▶ Smart self-calibration.
- ▶ Self-diagnosis of faults and safety functions].
- ▶ For steel and aluminium rims.
- ▶ Equipped with a pneumatic wheel lifting device.
- ▶ Equipped with a brake pedal for stable positioning and convenient weight acquisition

### Technical data:

- ▶ Maximum wheel weight: 150 kg
- ▶ Engine power: 0.75 kW
- ▶ Power supply: AC 220 V /380 V 50 Hz
- ▶ Rotation speed: 200 rpm
- ▶ Cycle time: 8 s
- ▶ Rim diameter: 10 - 24 - (252 mm - 610 mm)
- ▶ Rim width: 1.5 - 20 - (40 mm - 510 mm)
- ▶ Noise: - 70 dB
- ▶ Net weight: 250 kg
- ▶ Dimensions: 1220 mm x 960 mm x 1210 mm (4.0 x 3.2 x 4.0 ft)

Help arm FOR MM TC1223

**007935017270**



Set of adapters for  
ATV

**007960009935**



Set of adapters for  
motorcross alloys

**007960009930**



Self-Centering Flange For  
Motorcycle Wheels, Rotation  
Via Application To Wheels  
From Outside. The Gtm2  
Must Be Completed With  
Garp.

**007960001300**



Centering Accessory For Vans And  
Off-Road Vehicles With Centre  
Hole Wheels. From Hole Ø 117  
To 173 Mm

**007960001290**



Accessory For Off-Road Wheels  
With Central Hole. From Hole Ø  
101 To 119 Mm

**007960001280**



Belzer Pliers

**007960001350**



Bead breaker shovel protection  
cover

**007935017265**



Universal flange for wheels  
without a central hole

**007960009650**



Adapter for  
motorcycles  
for MM-WB1024

**007935017290**



Plastic covers for jaws long  
(set 4 pcs)

**007935017260**



Large centering cone  
for MM-WB1024

**007935017285**



Plastic covers for jaws  
short (set 4 pcs)

**007935017255**



Universal wheel flange  
MM-WB1024

**007935017295**



D. 18 Shaft Set Complete With Cones,  
Bushings And Locking Ring Nut.  
For Very Heavy Motorcycle Wheels

**007960001310**



# POWERGY 2500

## Pneumatic McPherson column changer with a pressure of 2.5t

007935063905

The scope of application of the pneumatic coil spring compressor covers all types of passenger cars, SUVs and delivery vehicles. To ensure maximum user safety, the machine is equipped with a system of active and passive protections: pneumatic cylinder, foot pedal, safety cage, shock absorber, protection against dropped objects and plinth.

### ACTIVE AND PASSIVE SYSTEM SECURITY:

- Complete protection is provided by the locking system made of highly resistant polycarbonate
- Synchronized opening of both doors one hand
- The user can work safely
  - no need to place hands on a spring during compression phases

### SPRING COMPRESSION SYSTEM:

- Dual position bracket plate in order to increase the range of dismantled shock absorbers (SUVs, delivery vehicles, etc.)
- Possibility to work on a coil spring right-handed
- Possibility to work on a coil spring left-handed
- The shock absorber can be locked into pieces hydraulic (bracket function)

- Spring diameter from Ø 78 mm to 185 mm.
- Bracket locking system: hydraulic shaft up to Ø 60 mm.
- Retaining coil spring clamp coil spring Ø 13.5-18 mm still when compressed.
- Wide range of compression stroke
  - up to 330 mm

### VALVES SECURITY:

- 2 shut-off valves safety on the cylinder
- 1 safety valve control security
- 1 safety valve pneumatic system

### UPPER FREE CLAMPS:

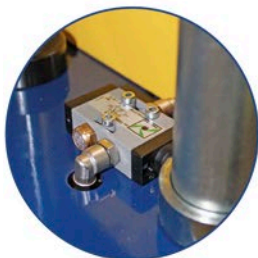
- Adjustment angle: 0°, (+/-)15°
- Free-floating clamps allow better capture the spring, dynamically adjusting your position while different compression phases

### SHAFT SUPPORT:

- Height adjustable
- Adjustable within 180°



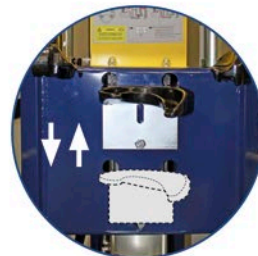
Security system active and passive



Valves safety



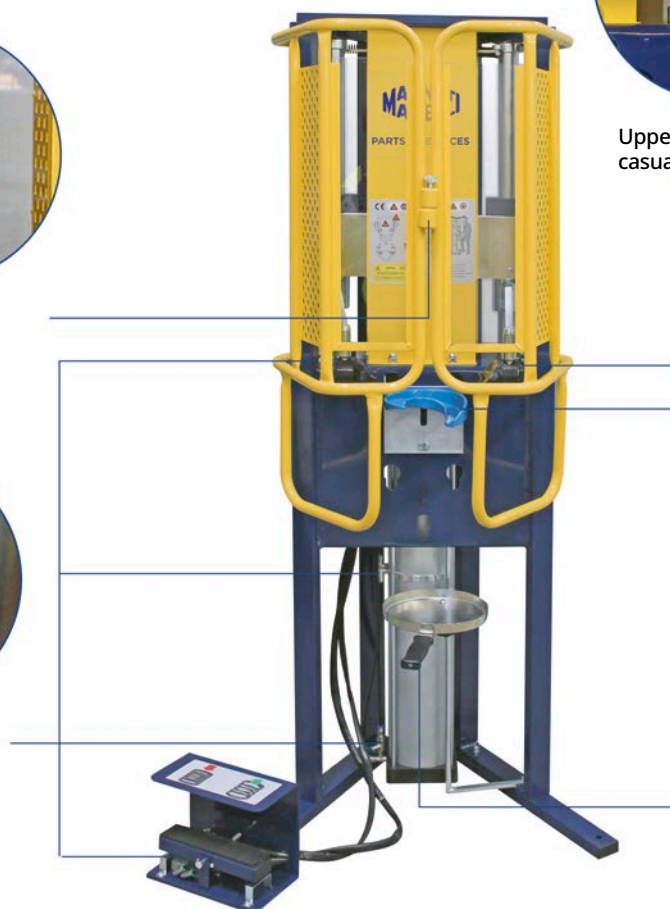
Upper clamps casual



Compression system springs



Shaft support













**ALUMINUM CYLINDER** - The cylinder is made of light alloy and fiberglass nylon resin, which prevents corrosion and oxidation of machine parts.

**UNIVERSAL USE** - Two upper arms with automatic leveling make it easier to work on springs conical, non-coaxial and banana-shaped springs.



## EQUIPMENT SUPPORTS AND VICE - optional accessories

KOD		TYPE	APPLICATION	TECHNICAL PROPERTIES
007935063790		Small bracket (included)	The bracket allows the spring to be compressed for faster replacement and ensuring maximum user safety	For springs Ø 78-130 mm
007935063800		Medium bracket (included)		For springs Ø 105-185 mm
007935063920		Medium left bracket (included)		For left springs Ø 105-187 mm
007935060310		Vice (included)	The vice allows you to mount the shock absorber mount on the guide leg and disassembly from the shin	For shock absorbers Ø 40-60 mm
007935063915		Swiveling jaws upper (included)	Self-adjusting serving system for better fastening springs during compression	Adjustment angle 0°, (+/-) 15°
007935063810		Large bracket (option)		Application: from Ø 125 up to Ø 205 mm up to 2.5 tons
007935063830		Spring clamp screw (option)	It is used to immobilize the spring screw during initial compression and torsion restrictions by the bracket	For springs Ø 13.5-18 mm
007935063910		Upper shock absorber column mounting (option)	allows you to compress the column by the main mounting, recommended for springs with a small number of turns	
007935060650		Blocking Vice For Honda, Toyota (Chosen Models)		application: rear BMW shock absorbers, Jeep Cherokee front, selected Asian vehicles
007935063820		Bracket for Mercedes-Benz (optional)		application: Mercedes Benz: Class A, B, C, E

## POWERGY 1000

### Universal Pneumatic Device For Shock Absorber Assembly

007935060300

The PowerGY1000 device operates using compressed air from a compressor and is used to dismantle and install shock absorbers from a Mc Pherson strut. The equipment includes a universal vice for gripping the shock absorber base (007935060310).

Other dedicated handles are optional. Thanks to them, disassembly of the shock absorber is quick and safe. Keeping the spring compressed significantly reduces replacement time. The device is particularly suitable for new types of misaligned and conical shock absorbers, thanks to a self-aligning beam that adjusts to any misalignment.

The device is equipped with a practical and solid shelf for tools. The maximum pressure force at a pressure of 6 atm is 735 kg, and at a pressure of 8 atm - 980 kg. The clamps have a quick-release grip, allowing you to move from a large to a small clamp without losing time.

- **Working pressure** - Atm: Min 6 - Max 10
- **Overall dimensions** - 140 x 65 x 40 cm.
- **Weight** - 72 kg.
- **Pressure force** - max kg. 735 (6 Atm)/kg. 980 (8 Atm.)



007935060310

included

Supporting vice

A full-page photograph of a male mechanic with a beard and glasses, wearing blue overalls with yellow accents, working on the underside of a car. In the foreground, a blue Magneti Marelli oil service machine is visible. The machine has a clear oil level gauge at the top and the brand name 'MAGNETI MARELLI' and model 'MM OD-02' printed on its side. The background shows a typical workshop environment with various tools and equipment.

**MAGNETI  
MARELLI**

PARTS & SERVICES

## TOOLS, WORKSHOP CHEMISTRY



### MM-OD1 Oil extraction decanter 70L with quantity measurement 007935016710

- Vacuum (MPa) 0-0.1
- Inlet air pressure: 8-10 bar
- Tank capacity: 70 l
- Set of probes for sucking oil through the dipstick hole with different diameters
- Suction capacity: 1.5 - 2 l/min
- Tank discharge pressure: 1-2 bar
- Oil temperature range: 40-80°C
- Oil bowl capacity: 15 l
- Device dimensions: 490x415x880 mm
- Bowl dimensions: 420x200x100 mm
- Weight: 25 kg
- Plastic probe with a diameter of 6x700 mm
- Plastic probe with a diameter of 8x700 mm
- Plastic probe with a diameter of 7x1000 mm
- Plastic probe with a diameter of 5x700 mm
- Copper probe with a diameter of 6x700 mm
- Copper probe with a diameter of 5x700 mm



### MM-OD03 Oil extractor 70L 07935016700

- Vacuum (MPa) 0-0.1
- Inlet air pressure: 8-10 bar
- Tank capacity: 70 L
- Suction capacity: 1.5 - 2 L/min
- Tank discharge pressure: 1-2 bar
- Oil temperature range: 40-80°C
- Dimensions: 500x420x890 mm
- Weight: 18 kg
- Plastic probe with a diameter of 6x700 mm
- Plastic probe with a diameter of 8x700 mm
- Plastic probe with a diameter of 7x1000 mm
- Plastic probe with a diameter of 5x700 mm
- Copper probe with a diameter of 6x700 mm
- Copper probe with a diameter of 5x700 mm



### MM OD-05 Oil decanter 007935017095

- Tank capacity: 70 L
- Tank discharge pressure: 1-2 bar
- Bowl capacity: 15 L
- Device dimensions: 500x420x890
- Dimensions: 420x200x100 mm
- Air inlet fitting: 1/4"
- Weight: 25 kg



### MM-OD-07 Pneumatic lubricator with tank 007935017130

- Inlet air pressure: 6-8 bar
- Output pressure: 300-400 bar
- Grease discharge rate: 400 - 600 g/min
- Hose diameter: 1/4" x 4 m
- Tank capacity: 13 kg
- Pump output: 50:1
- Dimensions: 370x350x850 mm
- Weight: 12 kg



### MM-OD2 Oil extraction decanter 80L with quantity measurement and control tank 007935016720

- Tank capacity: 70 L
- Control tank capacity: 10 L
- Bowl capacity: 20 l
- Set of probes for sucking oil through the dipstick hole with different diameters
- Inlet air pressure: 6-8 bar
- Vacuum: (MPa) 0-0.1
- Tank discharge pressure: 0.7 - 1 bar
- Oil temperature range: 40-80°C
- Device dimensions: 500x420x890
- Control tank dimensions: 270x270x470
- Bowl dimensions: 420x200x100 mm
- Weight: 29 kg
- Plastic probe with a diameter of 6x700 mm
- Plastic probe with a diameter of 8x700 mm
- Plastic probe with a diameter of 7x1000 mm
- Plastic probe with a diameter of 5x700 mm
- Copper probe with a diameter of 6x700 mm
- Copper probe with a diameter of 5x700 mm



### MM OD-04 Oil decanter 70 L 007935017090

- Tank capacity: 70 L
- Inlet air pressure: 8-10 bar
- Tank discharge pressure: 1-2 bar
- Bowl capacity: 15 L
- Device dimensions: 500x420x890
- Bowl dimensions: 420x200x100 mm
- Weight: 24 kg



### MM-OD-06 Manual lubricator 130-140 007935017125

- Hose cross-section: 1/4"
- Hose length: 4 m
- Tank capacity 13 kg
- Manual pump
- Dimensions: 370x350x780 mm
- Weight: 8 kg



### BF-12 brake fluid replacement device 007935016730

- The units consist of a stainless steel reservoir, inside of which a rubber diaphragm is placed to assist in pumping brake fluid into the vehicle. Once the internal tank is filled and the maximum operating pressure is reached, the unit operates independently. It only takes one operator to top up the brake fluid. The kit includes service adapters, bushings and two 1L reservoirs.
- Working pressure: 0.7-3 bar  
Dimensions - 25 x 25 x 7.5  
- tank with a capacity of 6 litres  
Compression - 5 metres (compressed air)  
Pressure at the safety valve  
- 3 bar





### Oil and fluid distribution equipment

007935013775

Powered by an air compressor  
- safe, environmentally friendly and non-sparking - the unit is used for filling lubricating and gear oil.



### Mobile oil distribution kit

007935016760

- Pump output: 50:1  
- Intake pipe: 940 mm  
- Distribution gun with digital flow meter  
- Hose: 1/2" x 4 m  
- Kit for drums: 180-200 kg



### Oil filling gun with electronic measurement

007935017825

- Memory  
- Pre-selection  
- Manual valve  
- Flow rate: 1 to 30 L/min  
- Accuracy:  $\pm 0.2\%$   
- Maximum working pressure: 70 bar  
- Minimum working pressure: 3 bar  
- Inner diameter:  $\varnothing 10$



### Oil filling gun

007935016830

- Without electronic measurement  
- Automatic valve  
- Flow rate: 1 to 25 L/min  
- Accuracy:  $\pm 0.2\%$   
- Maximum working pressure: 70 bar  
- Minimum working pressure: 3 bar  
- Inner diameter:  $\varnothing 10$



### Digital Meter Control Valve with electronic flowmeter and pre selection

007935017085

- Electronic measurement  
- Memory  
- Pre-selection  
- Automatic valve  
- Flow rate: 1 to 30 L/min  
- Accuracy:  $\pm 0.2\%$   
- Maximum working pressure: 70 bar  
- Minimum working pressure: 3 bar  
- Inner diameter:  $\varnothing 10$



### Oil filling gun

007935016820

- Without electronic measurement  
- Manual valve  
- Flow rate: 1 to 25 L/min  
- Accuracy:  $\pm 0.2\%$   
- Maximum working pressure: 70 bar  
- Minimum working pressure: 3 bar  
- Inner diameter:  $\varnothing 10$



### Oil filling gun with electronic measurement

007935017815

- Electronic measurement  
- Manual valve  
- Rigid probe  
- Flow rate: 1 to 25 L/min  
- Accuracy:  $\pm 0.2\%$   
- Maximum working pressure: 70 bar  
- Minimum working pressure: 3 bar  
- Inner diameter:  $\varnothing 10$



### Oil filling gun

007935017080

- Electronic measurement  
- Memory  
- Automatic valve  
- Flow rate: 1 to 25 L/min  
- Accuracy:  $\pm 0.2\%$   
- Maximum working pressure: 70 bar  
- Minimum working pressure: 3 bar  
- Inner diameter:  $\varnothing 10$



### Used oil sump HC-48L

007935013765

For combustion vehicles



### Channel tray for used oil HC-48LT

007935013770

For combustion vehicles



### Oil drip tray - plastic

007935011040

- Dimensions: 1320x670x420 mm
- Capacity: 2x 220 L
- Load capacity 1000 kg
- Weight: 21 kg



### 5:1 oil pump, 270mm

007935017100

- Feed: compressed air
- Pump output: 5:1
- Inlet air pressure: 3-8 bar
- Discharge volume with 4 m hose: 14 - 17 L/min
- Suction pipe: 270 mm
- Connection: 1/2"
- Weight: 5 kg



### Oil pump 5:1, 740 mm

007935017105

- Feed: compressed air
- Pump output: 5:1
- Inlet air pressure: 3-8 bar
- Discharge volume with 4 m hose: 14 - 17 L/min
- Suction pipe: 740 mm
- Connection: 1/2"
- Weight: 7 kg



### 5:1 oil pump, 940mm

007935017110

- Feed: compressed air
- Pump output: 5:1
- Inlet air pressure: 3-8 bar
- Discharge volume with 4 m hose: 14 - 17 L/min
- Suction pipe: 940 mm
- Connection: 1/2"
- Weight: 12 kg



### Retractable cable on a reel

007935016800

- Purpose: compressed air
- Maximum pressure: 20 bar
- Cross-section: 3/8"
- Hose length: 15 m

### Retractable cable on a reel

007935016810

- Purpose: oil
- Maximum pressure: 138 bar
- Cross-section: 1/2"
- Hose length: 9 m



### Hand Oil Pump

007935016780

- Pump output: 16 L/min
- Telescopic suction pipe up to 1200 mm
- Suitable for 60/200/220 litre drums



### Oil kit for 60L drums

007935017845

- Intake pipe: 740 mm
- Maximum pressure 40 bar
- Max flow rate 14 L/min
- Suction pipe diameter 30 mm
- Distribution gun with digital timer
- Hose: 1/2" x 4 m
- Kit for drums: 40-60 kg
- Preselection of quantity // 0.1L min, 99.9L max.
- Flow rate 1 to 30 L/min
- Accuracy  $\pm 0.2\%$
- Maximum working pressure 70 bar
- Minimum working pressure 3 bar
- Rotary inlet 1/2" BSP/NPT
- Meter body input/output 1/2" BSP/NPT
- Inner diameter  $\varnothing 10$
- DC 6V power supply
- Outlet tube type: rigid tube
- Automatic Discharge



### Mobile oil distribution kit for 180-200 litre drums

007935016770

- Pump output: 5:1
- Filling gun with electronic measurement
- Hose 4 m
- Reel for 15 m of hose



### Drum/Barell trolley 20-60kg

007935017115

- For a 20-60 kg drum
- Pump mounting bracket
- Handle height adjustment



### Swievel Bracket for The Wall

007935016790



### Mobile lubrication kit

007935017135

- Drum 180-200 kg
- Pump 50:1
- Lance length 940 mm
- Gun with Z-adapter
- Hose 2 m



### Mobile lubrication kit

007935017140

- Drum 20-60 kg
- Pump 50:1
- Lance length 480 mm
- Gun with Z-adapter
- Hose 2 m



### Hose for oil pumps 4m

007935017155

4 m



### Drum/Barell trolley 180-200kg

007935017120

- For a 180-200 kg drum





## Pneumatic impact wrenches Magneti Marelli

Powerful 1/2" impact wrenches with two-way hammer mechanism and pressure lubrication system. Wrenches are available in 680, 860 and 1360 Nm versions. To ensure smooth rotation and maximum power, pneumatic motors are equipped with high quality bearings. The left/right rotation switch also provides a speed control function.



### Pneumatic wrench aluminium 1/2" 810 Nm RAPTOR

007936331040

#### Technical data:

- Square drive head: 1/2"(13mm)
- Capacity Bolt size: 5/8"(16mm)
- Speed (no load): 8500 RPM  $\pm 10\%$
- Working torque: 450ft-lb (610N.m)
- SCFM Requirement: 5cfm(142 l/min)
- Working pressure: 90PSI (6.3Bar)
- Air hose required: 3/8"ID
- Air inlet: 1/4" ID (6.35mm)
- A weighted sound pressure level: 106,6 dB (A)
- Sound power level: 94,6 dB (A)
- Weight: 1.45kgs(3.19Lbs)



### Angle pneumatic wrench 1/2 "FROG 67.5 Nm

007936331070

#### Technical data:

- Square drive: 3/8" or 1/2"(10mm or 13mm)
- Free speed: 160 rpm
- Max torque: 50ft/lb (67.5N.m)
- Air inlet size: 1/4"
- Air hose: 3/8" ID
- Avg. air consumption: 114 l/min ili 77 l/min
- Operating pressure: 90psi (6.3bar)
- A weighted sound pressure level LPA = 3 dB
- Sound power level LWA: 100.6dB(A) Kwa=3 dB
- Vibration in the handle ah,d: 8.47m/s<sup>2</sup> K=1.33 m/s<sup>2</sup>
- Weight: 1,1 kg



### Pneumatic wrench composite 1/2" Trex 2200 Nm

007936331020

#### Technical data:

- 1/2" Socket Shank
- Twin Hammer
- Hammer System
- Maximum torque (reverse) 2200 Nm
- Operating torque 250 to 2000 Nm
- Free speed 7000 rpm
- Working pressure 6.3 bar
- 1" anvil length
- Net weight 2.0 kg
- 1/4" air supply
- Average air consumption 340 l/min



### Set of pneumatic sockets for alloy rims size 21,19,17-3 pcs

007936331030



### Pneumatic wrench aluminium 1" MAMUT 3100 Nm

007936331060

#### Technical data:

- Square drive: 1"
- Capacity Bolt Size: 1-3/4"(45mm)
- Free speed: 3600rpm
- Max torque: 2200ft-lb(3100N.m)
- Avg.air consumption: 40cfm(1140 l/min)
- Operating pressure: 90psi(6.3bar)
- Air inlet size: 1/2"
- Air hose: 5/8" ID
- Weight: 35.9Lbs(16.3kgs)



Cordless impact spanners are tools designed to loosen and tighten bolts and nuts that require high torque. Powerful 20V brushless motors and effective overload protection hidden in the batteries ensure safe operation. Marelli's professional cordless impact spanners can handle any seized bolts of car or agricultural machinery wheels, as well as other jobs that require a lot of force to loosen bolted connections. They will relieve the strain on your arms, speed up the work you do and are just as powerful as a traditional air impact spanner. The 1/2" spindle models are equipped with two 4 Ah lithium-ion batteries and the 3/4" spindle model is equipped with two 8 Ah batteries. All spanners come with a quick charger for the batteries. The convenient speed and direction switch is illuminated by an LED. The ,STOP' function prevents damage to the threads by stopping the spanner when the bolt is loosened. LED backlighting makes it easier to work in more difficult lighting conditions. The batteries have a 12-month warranty and last for approximately 1,000 charge cycles.

**Cordless impact spanner E-Lion  
1/2" 620 Nm  
007936331550**



- Reinforced shank: 1/2"
- Rated voltage (V): 20 V
- Battery capacity: 4 Ah
- Battery type: Li-Ion
- Rotation speed: 2700/2300 rpm
- Impact frequency: 3600/3100 bpm
- Nut breaking torque: 620 Nm
- Weight: 2.34 kg (including battery)

**Cordless impact spanner E-Lion  
1/2" 1700 Nm  
007936331570**



- Reinforced shank: 1/2"
- Rated voltage (V): 20 V
- Battery capacity: 4 Ah
- Battery type: Li-Ion
- Rotation speed: 1800/1200/900 rpm
- Impact frequency: 2200/2000/1800 bpm
- Nut breaking torque: 1700 Nm
- Waga: 3,45 kg (including battery)

**Cordless impact spanner E-Lion  
3/4" 2400 Nm  
007936331580**



- Reinforced shank: 3/4"
- Rated voltage: 20 V
- Battery capacity: 8 Ah
- Battery type: Li-Ion
- Impact frequency: 2500/1900/1100 bpm
- Rotation speed: 1900/1500/1200 rpm
- Operating torque: 1850/1250/950 Nm
- Nut breaking torque: 2400 Nm
- Waga: 4,1 kg (including battery)

## COMPARISON TABLE

	007936331550	007936331570	007936331580
Shank	1/2"	1/2"	3/4"
Rated voltage	20 V	20 V	20 V
Battery capacity	4 Ah	4 Ah	8 Ah
Battery type	Li-Ion	Li-Ion	Li-Ion
Impact frequency	3600/3100 bpm/min	2200/2000/1800 bpm/min	2500/1900/1100 bpm/min
Rotation speed	2700/2300 bpm/min	1800/1200/900 bpm/min	1900/1500/1200 bpm/min
Operating torque	620 Nm	2200/2000/1800 Nm	1850/1250/950 Nm
Nut breaking torque	620 Nm	1700 Nm	2400 Nm
Product weight	2,34 kg (including battery)	3,45 kg (including battery)	4,1 kg (including battery)

# See everything in a new light Magneti Marelli workshop lamps

High-quality workshop lamps from Magneti Marelli. The handy size and compact shape of the lamps, along with the high-power LEDs, allow for good illumination of hard-to-reach areas, making car maintenance work easier. The lamps use the latest COB or SMD diode technology, which allows for a powerful light output. The robust design and seals allow it to meet the exacting standards of IP54.

## 3W+3W swivel light

007935030030

Features and specification:

- 3W front COBLED provide >240 lumen
- 3W top SMD LED provide >160 lumen
- 120-degree rotation
- Magnet in the bottom part of the grip
- 'Nest'-type hooks in top/bottom part of the grip
- Charging port with battery level indicator
- Operation time: 2-3 hours
- Charging time: 3-4 hours
- 5V 1A CE Adapter with mini-USB cable

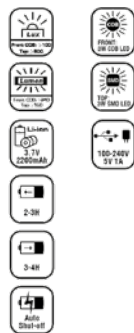


## 3W+UV Swivel light

007935030020

Features and specification:

- 3W front COBLED provide >240 lumen
- Top LED with UV , 395~410nm
- 120-degree rotation
- Magnet in the bottom part of the grip
- 'Nest'-type hooks in top/bottom part of the grip
- Charging port with battery level indicator
- 2-3 hours of operation
- 3-4 hours charging
- 5V 1A CE Adapter with mini-USB cable



## 2.5W Folding lamp

007935030040

Features and specification:

- 2.5W COB LED provides >70/230 lumen
- Folding grip with magnet, 360-degree rotation
- retractable rotating hook/clamp, 360-degree rotation
- 3-4h of cont. operation
- 2,5-3h charging
- 5V 1A CE Adapter with mini-USB

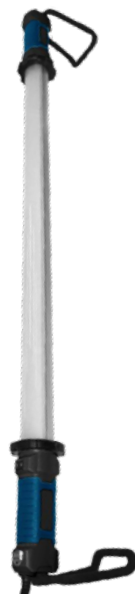


## 15W SMD wired under hood light

007935030070

Features and specification:

- 15W SMD LED provides spot light, 450-550lm at half of power, 900-1150lm at full power
- Brightness push-button allows choosing half or full power
- ABS injection moulded grip with shock-resistant protection; ergonomic design for easy use
- Aluminium alloy hook with PVC cover, soft hook covers prevent scratching the vehicle body
- 47" to 75" adjustable bar; easy mounting to most trucks and SUVs.
- Finger hooks (360°) for safe and firm mounting



## Workshop lamp 300 lumen

007935030150

Features and specification:

- 3W front COB LED provide 50 lumen
- W top SMD LED provide do 300 lumen
- Two-range lighting power option 150 or 300 lumen
- Water and dust resistant (IP54)
- Two rotary integrated hooks with magnets
- Detachable hooks
- Charging time : 3-4h
- Operation time:3-6h
- Charging port





## MINI Workshop lamp

007935030140

Features and specification:

- 0.9W front COBLED provide 90-110lm lumen
- 0.9W top SMD LED zapewniają 50-60 lumen
- 120-degree rotation
- Magnet in the bottom part of the grip
- Nest - type hooks in top/bottom part of the grip
- Charging port with battery level indicator
- 2.5-3h operation time
- incl. mini-USB



## Rotating garage lamp 0.9W

**COB LED + front light 0.9W UV mini**

007935030130

Features and specification:

- 0.9W front COBLED provide 90-110lm lumen
- Top LED z UV, 395~410nm
- 120-degree rotation
- Magnet in the bottom part of the grip
- 'Nest'-type hooks in top/bottom part of the grip
- Charging port with battery level indicator
- 2.5-3h operation time
- incl. mini-USB



## Workshop torch

007935030160

Features and specification:

- 3W high-power LED
- Durable metal case
- Dust and water resistant (IP54)
- Ability to select power luminous intensity: 140 or 250 lumens
- Possibility to change the focal length lights
- Mini USB charging socket
- Charging time: 3-4 hours
- Working time 2.5-5 hours



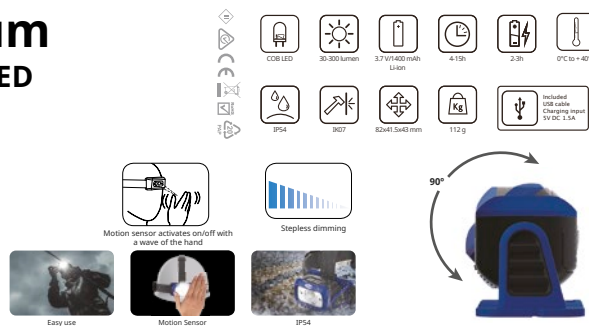
## Headlamp 300 lum

**BATTERY POWERED COB LED**

007935030190

Features and specification:

- COB LED provides 250/80Lumens
- Pivoting light head
- Two clips to attach to hard hat
- Adjustable and removable head band
- 3.8V 1600 mAh li-poly battery
- IP54 dust and water resistance
- 2.5/6 hours of running time
- 3-4 hours of charging time
- 5V 1A CE Adaptor with mini-USB connecting line



## Narrow head torch

**COB LED 500/250 lm**

**Top SMD LED 30lm 2600mAh Li-Ion**

007935030230

Features and specification:

- COB LED provides 500/250 lm
- Top SMD LED provides 30 lm
- Ultra-thin wand-type LED lamp
- 360 degree rotation function
- Magnet at the bottom of the handle
- Integrated and retractable metal hook
- Brightness memory function
- Battery level and low battery information function
- Operating time 2/4 hrs.
- Charging time 3-4 hrs.
- With 5V 1A adapter



## Narrow head torch

**UV 395 COB LED 150/75**

**Top SMD LED 30lm**

**UV LED provides 395nm 1200mAh**

007935030240

Features and specification:

- COB LED provides 150/75 lm
- Top SMD LED provides 30 lm
- UV LED provides a wavelength of 395 nm
- Ultra-thin wand-type LED lamp
- 360 degree rotation function
- Magnet at the bottom of the handle
- Integrated and retractable metal hook
- Brightness memory function
- Low battery information function
- Operating time 3/6 hrs.
- Charging time 2-3 hrs.
- With 5V 1A adapter



## Working floodlight 3000 lm

**COB LED 3000/2000/1000lm 6000mAh Li-Ion**

**IP67 powerbank function**

007935030260

Features and specification:

- COB LED provides 3000/2000/1000 lm
- Swivel bracket (360 degrees) can be attached to a stand
- Magnet at the bottom of the handle
- Heat transfer aluminium body
- Impact-resistant
- IP67
- Dimming function
- Power Bank function (output: 5 V 1 A)
- Operating time 2/3/6 hrs.
- Charging time 4-5 hrs.
- With 8.4 V 2.4 A charger and 5 metre cable

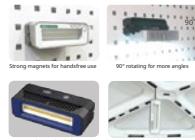


## Rechargeable & multifunctional area light series 1000lm

### 007935030310

Features and specification:

- High efficiency COB LED provides lights with up to 500/1000 lumens respectively
- Illuminance - much greater than traditional underhood lights
- Light angle - more focused than traditional floodlights, protecting user eyes
- Strong magnets for handsfree use
- Lamp can be 90° rotated for multi-angle illumination
- Glow-in-the-dark fluorescent reflector makes lamp easy to locate in the dark
- Flush mounted hook at back can be rotated for hanging
- IP54 dust and water resistant, drop impact resistant



OPTION - HOLDER FOR WORKING LAMPS  
500lm i 1000lm

### 007935030340

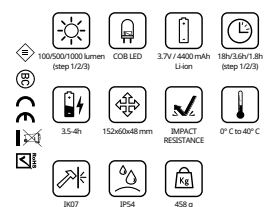
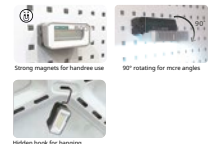


## Rechargeable & multifunctional area light series 500lm

### 007935030300

Features and specification:

- High efficiency COB LED provides lights with up to 500/1000 lumens respectively
- Illuminance - much greater than traditional underhood lights
- Light angle - more focused than traditional floodlights, protecting user eyes
- Strong magnets for handsfree use
- Lamp can be 90° rotated for multi-angle illumination
- Glow-in-the-dark fluorescent reflector makes lamp easy to locate in the dark
- Flush mounted hook at back can be rotated for hanging
- IP54 dust and water resistant, drop impact resistant



OPTION - HOLDER FOR WORKING LAMPS  
500lm i 1000lm

### 007935030340



	Reflector working 3000lm	Workshop lamp 300 lumen	Narrow head torch	Torch with narrow UV head	250 Lumen Recharge- able Sensor Headlamp	3W+3W swivel light	3W+UV Swivel light	15W SMD wired under hood light	2.5W Folding lamp	Workshop torch 250 lumens	MINI Workshop lamp	MINI Workshop lamp with UV	Workshop lamp 1000lm	Workshop lamp 500lm
MAIN LAMP (IN LUMEN)	main source 3000/2000/1000	main source 150-300	main source 500/250	main source 150/75	main source 80-250	main source >240	main source >240	main source 900-1150	main source 700-230	main source 80-250	main source 90-110	main source 90-110	main source 1000-500-100	main source 500-250-100
LIGHT REINFORCEMENT	yes	yes	yes	yes	yes	no	no	yes	yes	yes	no	no	yes	yes
HEAD LAMP (IN LUMEN)	-	LED 50	30	LED UV 395 nm	80-250	upper >240	LED UV 295-410 um	-	-	-	smd led 50-60	LED UV 395-410 um	-	-
LED SOURCE	1x COB led	1x COB LED 1x SMD LED	COB LED SMD LED	1x COB LED 1x LED UV	1x COB led	1x COB LED 1x smd LED	1x COB LED 1x LED UV	1x COB LED	1x COB LED	1x LED	1x COB LED 1x smd LED	1x COB LED 1x LED UV	1x COB LED	1x COB LED
UV LIGHT	no	no	no	yes	no	no	yes	no	no	no	no	yes	no	no
INPUT USB	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes	yes	yes	yes
CHARGING	Battery	Battery	Battery	Battery	Battery	Battery	Battery	230V	Battery	Battery	Battery	Battery	Battery	Battery
PROTECTION RATING	IP67	IP54	-	-	IP54	IP20	IP20	IP20	IP54	IP54	IP20	IP20	IP54	IP54
CHARGING TIME	4-5h	3-4h	3-4h	2-3h	3-4h	3-4h	3-4h	-	2,5-3h	3-4h	3-4h	3-4h	3,5-4h	2,5-3h
OPERATION TIME	2/3/6h	3-6h	2/4h	3/6h	2,5-6h	2-3h	2-3h	-	3-4h	2,5h	2-3h	2-3h	1,8-3,6-18h	1,8-3,6-18h
GRIP	Swivel bracket 360 degrees	Detachable rotary hook	metal hook	metal hook	opaska na glowę	2x 'nest' hooks	2x 'nest' hooks	hook,360- degree adjustable bar,	hook, 360° rotation	-	hook, 360° rotation	hook, 360° rotation	2 hooks rotatable 360 degrees	hook, 360° rotation
MAGNET	yes	Yes	yes	yes	no	yes	yes	no	yes	yes	yes	yes	yes	yes
POWER CONSUMPTION (W)	10W	3W	1,2W	1,2W	3W	3W	3W	15W	2,5W	3W	0,9W	0,9W	-	-
MM CODE	007935030260	007935030150	007935030230	007935030240	007935030190	007935030030	007935030020	007935030070	007935030040	007935030160	007935030140	007935030130	007935030310	007935030300

**Hand Cleaning Paste 4 L**  
099996001050



COLLECTIVE PACKAGING -  
4 PIECES.

**Hand Cleaning Paste 4 litre**  
099996001000



COLLECTIVE PACKAGING -  
12 PIECES.

**Hand Cleaning Paste 4 L**

Hand paste for professionals working in car repair shops and more. The paste's ingredients have been selected to ensure the best effectiveness when cleaning hard-to-remove dirt. The granules, which are part of the paste, allow for easy removal of dirt from oils, greases, also from places difficult to access.

Glycerine, which is an ingredient of the paste, is a protection that helps keep the skin clean and at the same time prevents the skin from drying out. This helps to protect the skin from roughness and cracking.

Usage:

The paste is applied after drying the skin on the hands by rubbing and moistening with water. Continue until the dirt is removed. Then rinse the paste with water and pat the skin dry. It contains glycerine that is gentle on the skin. It cleans, leaving a delicate and pleasant fragrance - for special applications.

**Liquid Hand Cleaning Paste with Pump 4.5 L**

099996001040

A fully functional paste designed for professionals who want to keep themselves and their working environment clean, especially for those working in car repair shops. However, it can also be used in other working environments - by printers, carpenters and all those who are exposed at work to contamination of the body and working environment. The consistency of the paste is similar to that of hand cream for rough skin. The ingredients contained in the paste are perfectly proportioned to effectively clean soiled surfaces including the skin. Our product is composed of granules that easily and effectively remove all types of contaminants such as oil, grease and other soiling agents, even from places difficult to access. This type of paste contains glycerine which is gentle on the skin and prevents the effects of skin dryness by providing a protective layer for body parts coming into contact with soiled workshop elements.



COLLECTIVE PACKAGING -  
4 PIECES.

This superbly effective product ensures perfect skin cleansing and is additionally equipped with a simple and convenient dispenser which ensures the appropriate dosage of the substance to clean e.g. hands.

**Professional Hand Cleaning Liquid Soap 1 L**

099996001000

A fully functional liquid soap designed for professionals who want to keep themselves and their working environment clean, especially for those working in car repair shops. However, it can also be used in other working environments - by printers, carpenters and all those who are exposed at work to contamination of the body and working environment. The substance is in the form of a liquid applied to the skin to cleanse it. The ingredients contained in the liquid soap are perfectly proportioned to effectively clean soiled surfaces including the skin. Our product is composed of granules that easily and effectively remove all types of contaminants such as oil, grease and other soiling agents, even from places difficult to access. This type of product contains glycerine which is gentle on the skin and prevents the effects of skin dryness by providing a protective layer for body parts coming into contact with soiled workshop elements.



COLLECTIVE PACKAGING -  
12 PIECES.

In addition to its benefits for excellent skin cleansing, this superbly effective product is equipped with a dispenser for easy and convenient use in work, ensuring the appropriate dosage of the cleaning substance to clean e.g. hands.





**Marelli DEGREASER  
PRO 500 mL**  
99996001080

A powerful all-purpose degreaser, ideal for engine cleaning and suitable for any other similar purpose, easy to use. Designed to guarantee excellent dry cleaning performance, safe for any material and for any operator. This versatile agent can be used for degreasing and cleaning any part of the engine from any kind of dirt or stain. Super concentrated DEGREASER PRO, with the best Marelli technology applied to a modern detergent, is the most innovative of all multi-tasking technical degreasers. Powerful, fast and multifunctional, it offers unparalleled performance on any type of surface, with total safety thanks to its balanced pH. DEGREASER PRO is an easy and extremely effective solution to any grease removal or deep cleaning problem in 360°. This remarkable product, gladly used by top motorsport teams, is best at tackling stubborn dirt on cars, garages, boats, motorbikes and even at home.



UFI code: WDG6-Q0XT-E00G-W6DE

Marelli DEGREASER PRO 500 mL Universal degreaser.

COLLECTIVE PACKAGING - 6 PIECES.

**Marelli Rapid Spray  
500 millilitres**  
99996001075

Thanks to its basic features, Rapid Spray is ideal for both large service centres and private users. Rapid Spray instantly dissolves rust to unlock coupled metal components such as joints, bolts and threads.

Thanks to its strong penetrating action, Rapid Spray allows the best rapid lubrication on any surface (such as padlocks or joints) without damaging the parts being worked on (even the most delicate parts, such as rubber or lacquer). Its universal dispensing valve allows it to operate at any angle and any position to the last drop.



UFI code: YQF6-P0EM-Y00H-MFQU Marelli Rapid Spray 500 mL.

Screw loosening agent, penetrating

COLLECTIVE PACKAGING - 24 PIECES.

**Freni Flush Brake  
Cleaner 500 mL**  
099996001035

For washing and cleaning the brake system and its components. Removes oil, grease, lubricants and all types of tarnish. Neutral for metal parts. Contains no, lead, cadmium, acetone, FCKW, CKW corrosive or toxic substances. It evaporates quickly anywhere and anytime regardless of the nature of the work.



COLLECTIVE PACKAGING -  
24 PIECES.

**Marelli Multi Spray  
500 mL**  
99996001070

Perfectly lubricates any device. Unlocks, effectively working on jammed parts and frozen or blocked mechanisms. Protects, acting against oxidation and corrosion of all kinds.

The multi-tasking Multi Spray effectively performs seven basic functions: it lubricates any device perfectly, works quickly and ensures cleanliness, unblocks, effectively acting on jammed parts and frozen or blocked mechanisms, reactivates, quickly penetrating capillary into the pores of the metal, passing through corrosive layers, protects, acting against oxidation and all kinds of corrosion, also under the most critical conditions. It is water-resistant as it quickly permeates under moisture layer and covers any surface, thus preventing short circuits. Marelli Multi Spray is a cleaner easily removing grease, glue and tar stains from any non-porous surface; it is also a reconditioner, as it quickly restores the performance of any type of mechanism to its original level.

UFI code: QMF6-50R7-P001-Y44N

Marelli Multi Spray 500 mL.

Multi-purpose spray with a wide range of applications.

COLLECTIVE PACKAGING - 24 PIECES.



### Throttle Body Cleaner

- spray, 500 mL, 12 pieces

007950027421

Cleaner and degreaser for mechanical parts of the car. A new, high-performance formula dedicated to the effective cleaning of throttle bodies and carburettors. Dissolves tarnish, carbon build-up, oils, dirt and sticky substances in seconds. The product promotes better functioning of moving parts and consequently reduces fuel consumption. Multifunctional mixture of aliphatic solvents, acetates, alcohols, without chlorinated solvents.

#### ADVANTAGES:

Quickly cleans throttle bodies, carburettors, starting devices, PCV valves for a professional result. Regular cleaning of the injection system and carburettor improves combustion and reduces harmful emissions in the exhaust gas.

#### TECHNICAL FEATURES:

Form - aerosol  
Colour - clear colourless  
Density - 0.80 kg/l (+/- 0.04) at 20°C (liquid phase)  
Propane/butane propellant  
Flammability - extremely flammable  
Store in a cool (10 - 30°C) and ventilated room, avoid the build-up of static electricity.  
Throttle Body Cleaner - spray,

500 mL - 12 pieces.



### EGR Valve Cleaning

Fluid - spray 400 mL

- 12 pieces

007950027416

Cleaner and degreaser for mechanical car parts. The malfunctioning of the EGR system has a direct impact on emissions and can result in reduced engine performance. EGR Valve Cleaner has been specifically designed to clean and maintain EGR valves, allowing them to return to normal operation and performance.

#### TECHNICAL FEATURES:

Form - aerosol  
Colour - colourless liquid  
Density - 0.800 kg/l +/- 0.05 (liquid phase)  
Flammability - extremely flammable  
Fuel Gas - LPG (propane-butane)

NOTE: The preparation is intended for cleaning and degreasing DISMANTLED EGR valves. Use NEOPRENE gloves

EGR valve cleaning fluid - spray, 400 mL - 12 pieces.



### Nitrile Gloves

**M 100 pcs.** 099700120060

**L 100 pcs.** 099700120070

**XL 100 pcs.** 099700120080



### Black nitrile gloves

**M 100 pcs.** 099700141000

**L 100 pcs.** 099700141020

**XL 100 pcs.** 099700141040

**XXL 100 pcs.** 099700141060



Diamond structure  
- anti-slip structure  
diamond-shaped allows  
for a firm grip and holding of tools.

Protective gloves for demanding professionals who require hygienic and safe conditions in their workshops. This type of gloves is a must for every professional workshop. Our single-use gloves, made of a material called nitrile, are intended for specific working conditions in car repair shops. The gloves are manufactured from a safe, allergen-free material. They are extremely soft and resistant and can be worn on both sides. Their additional advantage is the lack of talcum powder which is unnecessary due to the materials used.

Our gloves are particularly resistant to substances such as:

- wide range of oils
- lubricants
- chemicals

The above qualities allow the gloves to be used for longer even in difficult conditions.

The product is characterized by a particular mechanical strength so it will not have to be replaced even in hard and demanding working conditions.

This is why our gloves are exceptionally strong.

We offer our gloves in three sizes: M, L, XL, XXL (black only).

The gloves are available in every size so it is worth taking the opportunity to choose the most suitable ones from our online catalogue.

Apart from their intended use in professional workshops, the gloves are also perfect for working at home and in the garden and not only there.





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