

## CAR AIR CONDITIONING 2019



## ► CAR AIR CONDITIONING 2019 Magneti Marelli Aftermarket



# We do not offer power drills, but we know air conditioning better than anyone else...

**MAGNETI  
MARELLI**

www.mmwe.eu  
www.magnetimarelli-checkstar.pl



## New range of "Alaska" air conditioning service stations

**ALASKA START** AIR CONDITIONING SERVICE STATION - 007950015200  
**ALASKA START HFO** AIR CONDITIONING SERVICE STATION - 007950015210  
**ALASKA BUS** AIR CONDITIONING SERVICE STATION - 007950015220  
**ALASKA PREMIUM** AIR CONDITIONING SERVICE STATION - 007950015230  
**ALASKA PREMIUM HFO** AIR CONDITIONING SERVICE STATION - 007950015240

The Alaska range of air conditioning service stations is a result of the long experience of Magneti Marelli in the testing and diagnostics of air conditioning systems as well as the demand of repair shops for innovative and helpful solutions. Internal database, heating belt, innovative refrigerant weighing system, diagnostics, nitrogen port – these are just a few of the advantages of our new models. 2 new devices dedicated for the new HFO-R1234yf refrigerant may be equipped with refrigerant identification system, a solution essential today and compliant with applicable regulations. Most of the stations are capable of servicing hybrid vehicles, the database contains passenger cars, trucks, agricultural vehicles and vehicles with the R1234yf refrigerant. For each of the stations, Magneti Marelli offers a wide support package, including a free-of-charge training, protective cover, poster, advertising banner and a set of 100 nitrile gloves.



**You Tube** Calibration and manuals available online

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 e-mail: wyposazenie@magnetimarelli.com / www.mmwe.eu

## Other Magneti Marelli products



Super Flush  
- 007936210770



Nitrogen/hydrogen  
leakage tester  
- 007950025880



Nitrogen/hydrogen  
Leakage tester  
- 007950025880



Ozonizer MX4000  
- 007936210010



Ozone-Maker  
- ozone production device  
- 430104018045



BACTOBAN  
- ultrasonic nebuliser -  
- 007936211125



Set of valves  
for the air conditioning  
system, with a spanner  
- 007936210050



# DIAGNOSTIC TESTERS

## CAR TRUCK BIKE FLEX / LOGIC / VISION

**MAGNETI  
MARELLI**

www.mmwe.eu



### VISION PRO 007935800090



#### Magneti Marelli Vision Pro

is a test device designed for use by mechanics and electricians for both older and newer types of vehicles. The clear and large display provides a convenient and precise presentation of available information in all conditions. The tester connects to the vehicle via an EOBD connector directly to the vehicle's bus. The tester also has built-in oscilloscope functionality, which can be used for precise measurements after connecting the probes to connectors designed for this type of measurements.

### FLEX 007935800080



#### Magneti Marelli FLEX

Flex - user-friendly laptop attachment with a 2-channel oscilloscope. It is an innovative device used in car garages by mechanics and electricians.

### LOGIC 007935800010

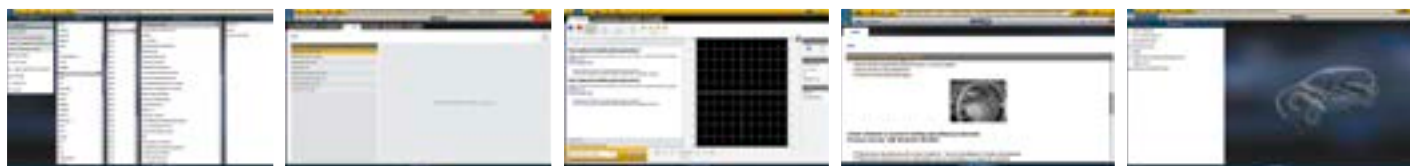


#### Magneti Marelli LOGIC

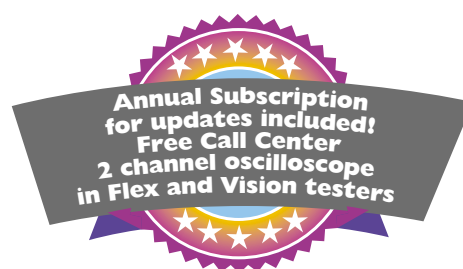
Computer interface for vehicle diagnostics. Logic - a device working together with a tablet or laptop. Huge possibilities at a reasonable price.



Dedicated  
WIN 10 tablets



- |   |                                 |               |
|---|---------------------------------|---------------|
| 1 EASY DIAG<br>TECHNICAL AIDS               | 2 EASY SCOPE<br>PATTERN COURSES | 3 CODING TPMS |
| 4 SEARCH<br>ACCORDING<br>ENGINE CODE        | 5 SEARCH<br>ACCORDING<br>DRIVER | 6 SCAN DTC    |
| 7 OK - DRIVING<br>PROCEDURES<br>CALIBRATION | 8 PARAMETERS<br>REFERENCE       |               |



### MAGNETI MARELLI AFTERMARKET SP. Z O.O.

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Join us:

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



**RefPro 4 Basic coolant identifier and analyser (R134a, 1234yf)****007935021070****RefPro****4 Basic (R134a, 1234yf):**

- Fast and accurate coolant purity testing
- Displays the percentage concentration: R1234yf, R134a
- and hydrocarbons
- Clear and easy to interpretate test results
- USB updatable
- Increased oil resistance

**SPECIFICATIONS:**

- Tested coolants: R1234yf, R134a
- Accuracy: Better than (+/-) 1.0%
- Displays the percentage concentration: R1234yf, R134a, HC, air
- Operating Temperature: 10°C to 50°C
- Measurement accuracy: (+/-) 1.0%
- Power supply: 110/220 V, 50/60 Hz
- Communication protocols: USB 2.0
- User Interface: LCD + 3 buttons
- Certificates: CE, SAE
- Integral pump calibration: YES

**RefPro 4 coolant identifier and analyser with printer (R134a, 1234yf)****007935021080****RefPro 4 with printer (R134a, 1234yf):**

- Fast and accurate coolant purity testing
- Displays the percentage concentration: R1234yf, R134a and hydrocarbons
- Clear and easy to interpretate printable test results
- USB updatable
- Increased oil resistance

**SPECIFICATIONS:**

- Tested coolants: R1234yf, R134a
- Accuracy: Better than (+/-) 1.0%
- Measurement accuracy: (+/-) 1.0%
- Minimum refrigerant purity: 98%
- R1234yf refrigerant, 5 kg (007950014325), kit
- Displays the percentage concentration: R1234yf, R134a, HC, air
- Operating Temperature: 10°C to 50°C
- Power supply: 110/220 V, 50/60 Hz
- Communication protocols: USB 2.0
- User Interface: LCD + 3 buttons
- Certificates: CE, SAE
- Integral pump calibration: YES

**Filter for identifier****007935020020****Thermal paper for printer in identifier****007935020030****1234yf refrigerant gauge set (gauge, 3 hoses 1.80 m, HP and LP Quick-couplers)****007950024725**

Set for a comprehensive checking leaks in automotive air conditioning systems operating on 1234yf refrigerant. Kit includes gauges, hoses and quick-couplers in aesthetic and durable carrying case.

**Electronic Leak Detector For R1234yf Refrigerant****007950025830****ELECTRONIC LEAK DETECTOR**

Allows to locate the leak in the system as easily as possible.

- 3 levels of sensitivity
- electronic scale to indicate the size of the leak
- detects leaks up to 2gr / year
- 46cm flexible probe
- battery test
- audible alarm indicating the leakage scale

**Identifikátor chladiva R1234yf****007935021060**

Identifikátor chladiva R1234yf pomůže ověřit přítomnost a kvalitu chladiva R1234yf, používá se při servisu a údržbě autoklimatizací osobních automobilů.

**TECHNICKÉ ÚDAJE:**

- Detekované chladivo: R1234yf
- Přesnost měření: 95 %
- Napájení: 12 V DC
- Zkoušené chladivo ve formě čistého chladiva bez oleje
- Vstupní tlak: 1,38–20,70 barů
- Provozní teplota: 10–45 °C

**R1234yf refrigerant, 5Kg (007950014561 container necessary)****007950014325**

**Refrigerant R1234yf (007950014320) - complete With Container, 5Kg (007950014561)**

**007950014561****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



Uv Dye 1234yf 350 ml  
007950024910



Oil Pag For Refrigerant 1234yf 250 ml  
007950024920



Uv dye 1234yf 250 ml  
007950024915



Oil Pag 100 1234yf 250ml  
007950024925



Oil for hybrid cars for 1234yf  
007950024685



Oil with corresponding parameters PS D1 to the  
factor 1234yf  
007950026330



Contrast UV in the syringe for hybrids  
+ wire 12 pieces  
007950026350  
Contrast UV in the syringeTo factor 1234yf  
+ wire 12 pieces  
007950026360



A/C Unit Hose - 250 Cm For Refrigerant  
1234yf Red 1/4"SAE X1234yf  
007950024950



A/C Unit Hose - 250 Cm For Refrigerant 1234yf  
Blue 1/4"SAE X1234yf  
007950024960



Quick Coupler Hp For 1234yf  
007950024930



Quick Coupler Lp For 1234yf  
007950024940



180 HP quick coupling for R1234yf  
007936211118



180 LP quick coupling for R1234yf  
007936211121



Quickcoupler LP HFO 1234yf Parker  
007935020120



Quickcoupler HP HFO 1234 yf Parker  
007935020130



Universal contrast for the factors  
R134A/R1234yf/Hybryd 250 ml  
007950027160



Universal contrast for the factors  
R134A/R1234yf/Hybryd 1000 ml  
007950027170



# ALASKA START AUTOMATIC A/C SYSTEMS DIAGNOSTICS AND CHARGING STATION

007950015200



**You Tube**

Calibration and manuals available online



**ALASKA START** is an automatic Magneti Marelli device designed for the diagnostics and service of air conditioning systems. The device enables easy service interventions of two kinds. The model is a compromise between great technical capabilities and attractive pricing.

1) Manual: the operator carries out the refrigerant recovery, evacuation, oil injection, charging.

2) Automatic: the operations are carried out automatically by selecting the car code from the database or in an automatic programmable cycle (without the help of the operator, with individual function settings made by the user).

The comprehensive software of the device guides the operator along work cycles. The database of passenger and delivery cars, trucks and agricultural machines makes the work of the operator more efficient and improves the air conditioning system service speed.

## Equipment:

- Programmer and high quality electronic solenoid control system
- Safety valves
- Pressure sensors
- Two analog pressure gauges
- Two manual valves
- Three tanks for fresh oil, used oil and dye
- Printer (optional)
- 3 m service conduits with possibility of extension
- Clear alphanumeric display
- Integrated electronic database used for, e.g., secondary vehicle identification based on the registration number together with a database of recent services and diagnostics

## ALASKA START functions:

- recovery of the A/C system refrigerant
- cleaning the refrigerant of mechanical impurities
- water removal by refrigerant filtration
- separation of the refrigerant from oil in the system
- measurement of the amount of recovered refrigerant
- test for the presence of residual refrigerant in the system
- system evacuation using a high performance vacuum pump
- system leakage test (negative pressure or overpressure with nitrogen)
- automatic or semi-automatic oil and dye injection in the amount set by the user or manual injection with visual control
- recovery of refrigerant from the conduits
- manual operation mode
- logging the 20 last services
- simple and inexpensive servicing

## Details:

- Refrigerant: R134a
- Electronic refrigerant scales: Accuracy +/- 10 g
- Electronic vacuum gauge: Cl. 2.5
- Working capacity (tank): 10 Kg R134a
- Composite molecular sieve filter and mechanical filter (fine mesh)
- Vacuum pump 70 l/min
- Maximum negative pressure 0.05 mbar
- Cubic capacity of the compressor: 300g/min
- 3m conduits
- Thermal printer (optional)

## Included with the station:

Pair of protective gloves  
Safety goggles  
Set of external cylinder connections  
Instruction manual



SUGGESTED  
OPERATING PRESSURE



CAR +TRUCK+AGRI  
DATABASE WITH  
MEMORY CARD UPDATING  
(OPTIONAL)



EASY CALIBRATION



IMPROVED OIL DISCHARGE



LOW OPERATING COSTS



MADE IN ITALY

**You Tube**



## INCLUDED WITH EACH STATION:

COVER, POSTER, GLOVES, SAFETY GOGGLES, TRAINING, ADVERTISING BANNER.





# ALASKA START HFO AUTOMATIC A/C SYSTEMS DIAGNOSTICS AND CHARGING STATION

007950015210



Calibration and manuals available online



NITROGEN CONNECTOR



SUGGESTED OPERATING PRESSURE



CAR + TRUCK + AGRI DATABASE



EASY CALIBRATION



IMPROVED OIL DISCHARGE



LOW OPERATING COSTS



MADE IN ITALY

**ALASKA START HFO** is a device used to fill and diagnose air conditioning units with the new refrigerant HFO-1234yf. Compliant with the provisions of European and American safety regulations as well as the recommendations of SAE (Society of Automotive Engineers) guidelines. The refrigerant recover and charging functions are improved in order to guarantee maximum precision and exceptionally easy normal/special maintenance management. The efficiency of the ventilation system guarantees the best heat dissipation properties while the placement of the tachometric fan on the bottom of the device enables the removal of escaped gas and evacuating it outside using the ventilation system of the repair shop. Possibility of refrigerant identification with an optional identifier. Innowacyjne alarmy robocze sygnalizują nieprawidłowości działania urządzenia, instalacji samochodowej i serwisu technicznego.

## Equipment:

- Programmer and high quality electronic solenoid control system
- Refrigerant identifier (optional)
- Safety valves
- Pressure sensors
- Three analog pressure gauges
- Two manual valves
- Three tanks for fresh oil, used oil and dye
- Printer (optional)
- 3 m service conduits with possibility of extension, compliant with J2888
- Clear alphanumeric display
- Additional pressure gauge for internal cylinder pressure indication
- Integrated electronic database used for, e.g., secondary vehicle identification based on the registration number together with a database of recent servicing
- Nitrogen port (optional)
- System flushing port
- POE/UV container (hybrid vehicles) with a quick coupling connector
- Parker quick coupling connector compliant with J2888

## ALASKA START HFO functions:

- recovery of the A/C system refrigerant
- cleaning the refrigerant of mechanical impurities
- water removal by refrigerant filtration
- separation of the refrigerant from oil in the system
- measurement of the amount of recovered refrigerant
- measurement of the amount of recovered oil
- test for the presence of residual refrigerant in the system
- system evacuation using a high performance vacuum pump
- system leakage test (negative pressure or overpressure with nitrogen)
- automatic or semi-automatic oil and dye injection in the amount set by the user or manual injection with visual control
- recovery of refrigerant from the conduits
- manual operation mode
- system flush using the refrigerant
- logging the 20 last services
- simple and inexpensive servicing
- refrigerant identification (optional)

## Details:

- Refrigerant: R1234yf
- Electronic refrigerant scales: Accuracy +/- 10 g
- Used oil scales – Accuracy +/- 1 g
- Electronic vacuum gauge: Cl. 2.5
- Working capacity (tank): 7 kg R134a/1234yf
- Composite molecular sieve filter and mechanical filter (fine mesh)
- Vacuum pump 70 l/min
- Maximum negative pressure 0.05 mbar
- Cubic capacity of the compressor: 300 g/min
- 3 m conduits with possibility of extension
- Thermal printer (optional)
- Refrigerant identifier (optional)

## Included with the station:

Pair of protective gloves  
Safety goggles  
Set of external cylinder connections  
Standard weight for scales calibration  
Allen key for scales blocking/lowering  
Manual



## INCLUDED WITH EACH STATION:

COVER, POSTER, GLOVES, SAFETY GOGGLES, TRAINING, ADVERTISING BANNER.



# ALASKA BUS AUTOMATIC A/C SYSTEMS DIAGNOSTICS AND CHARGING STATION

007950015220



Jeep



Calibration and manuals available online



PRINTER



NITROGEN CONNECTOR



3M TUBES WHICH MAY BE EXTENDED



CAR + TRUCK + AGRI DATABASE



HIGH-PERFORMANCE PUMP IMPROVED OIL DISCHARGE



LOW OPERATING COSTS



MADE IN ITALY



**ALASKA BUS** is a fully automatic Magneti Marelli device designed for the diagnostics and operation of air conditioning systems. The device enables easy service interventions of two kinds:

1) Manual: the operator carries out the refrigerant recovery, evacuation, oil injection, charging.

2) Automatic: the operations are carried out automatically by selecting the car code from the database or in an automatic programmable cycle (without the help of the operator, with individual function settings made by the user).

The database of passenger and delivery cars, trucks and agricultural machines makes the work of the operator more efficient and improves the air conditioning system service speed. The station is equipped with a large tank and one of the most efficient vacuum pumps (226 l/min – this makes it a recommended choice for large systems, such as in buses).

## Equipment:

- Programmer and high quality electronic solenoid control system Safety valves
- Pressure sensors
- Additional refrigerant cooler (with electric fan)
- Three analog pressure gauges
- Two manual valves
- Three tanks for fresh oil, used oil and dye
- Printer (optional)
- 5 m service conduits with possibility of extension
- Clear alphanumeric display
- Additional pressure gauge for internal cylinder pressure indication
- Integrated electronic database used for, e.g., secondary vehicle identification based on the registration number together with a database of recent servicing
- Nitrogen port
- System flushing port
- POE/UV container (hybrid cars) with a quick coupling connector
- Heating belt

## ALASKA BUS functions:

- recovery of the A/C system refrigerant
- cleaning the refrigerant of mechanical impurities
- water removal by refrigerant filtration
- separation of the refrigerant from oil in the system
- measurement of the amount of recovered refrigerant
- Measurement of the amount of recovered oil
- test for the presence of residual refrigerant in the system
- system evacuation using a high performance vacuum pump
- system leakage test (negative pressure or overpressure with nitrogen)
- automatic or semi-automatic oil and dye injection in the amount set by the user or
- manual injection with visual control
- recovery of refrigerant from the conduits
- manual operation mode
- system flush using the refrigerant
- system diagnostics with printout (optional)
- simple and inexpensive servicing

## Details:

- Refrigerant: R134a
- Electronic refrigerant scales: Accuracy +/- 10 g
- Electronic vacuum gauge: Cl. 2.5
- Working capacity (tank): 27.2 l – 25 Kg R134a
- Composite molecular sieve filter and mechanical filter (fine mesh)
- Vacuum pump 226 l/min
- Maximum negative pressure 0.05 mbar
- 5 m conduits
- Cubic capacity of the compressor: 500 g/min
- Thermal printer (optional)

## Included with the station:

Pair of protective gloves  
Safety goggles  
Set of external cylinder connections  
Standard weight for scales calibration  
Allen key for scales blocking/lowering  
Instruction manuals



## INCLUDED WITH EACH STATION:

COVER, POSTER, GLOVES, SAFETY GOGGLES, TRAINING, ADVERTISING BANNER.





# ALASKA PREMIUM AUTOMATIC A/C SYSTEMS DIAGNOSTICS AND CHARGING STATION

007950015230



**You Tube**

Calibration and manuals available online



**You Tube**



NITROGEN CONNECTOR



PRINTER



CAR + TRUCK + AGRI DATABASE



EASY CALIBRATION



IMPROVED OIL DISCHARGE



LOW OPERATING COSTS



SCALES LOCK



REFRIGERANT IDENTIFICATION



HYBRID OIL MAINTENANCE



MADE IN ITALY

**ALASKA PREMIUM** is a fully automatic Magneti Marelli device designed for the diagnostics and operation of air conditioning systems. Built-in database of passenger and delivery cars, trucks and agricultural machines greatly improves the vehicle service speed. The device enables easy service interventions of two kinds:

- 1) Manual: the operator carries out the refrigerant recovery, evacuation, oil injection, charging, flushing.
- 2) Automatic: the operations are carried out automatically by selecting the car model from the database or in an automatic programmable cycle (without the help of the operator, with individual function settings made by the user).

The device is equipped with a database of recent service operations and diagnostics helpful in the identification of A/C system problems as well as nitrogen testing with the use of the built-in pressure sensor. The system flushing function removes oil contamination. All operations displayed on a readable LCD screen are printed out.

## Equipment:

- Programmer and high quality electronic solenoid control system
- Safety valves
- Pressure sensors
- Cylinder pressure sensor (cylinder pressure measurement with alarm)
- Additional refrigerant cooler (with electric fan)
- Two analog pressure gauges with suggested values
- Thermal printer
- Built-in database of passenger and delivery cars, trucks and agricultural machines with possibility of adding new vehicles, diagnostics and recent service database.
- Electronic scales for oil and refrigerant
- 3 m service conduits with possibility of extension
- LCD display
- Four tanks for recovered oil, new oil, dye and oil for hybrid vehicles, heating belt, system flushing port
- POE/UV container (hybrid vehicles) with a quick coupling connector
- Nitrogen port (max 15 bar), USB interface

## Device functions:

- recovery of the A/C system refrigerant
- cleaning the refrigerant of mechanical impurities
- water removal by refrigerant filtration
- separation of the refrigerant from oil in the system
- measurement of the amount of recovered refrigerant
- test for the presence of residual refrigerant in the system
- system evacuation using a high performance vacuum pump system leakage test
- automatic weight-based oil injection in the amount set by the user or manual injection with visual control
- recovery of refrigerant from the conduits
- manual operation mode
- logging the performed operations in a customer-friendly printed format system flush using the refrigerant
- system diagnostics with printout, in/out refrigerant balance
- simple and inexpensive servicing
- automatic or manual discharge of non-condensed gas
- Database update via USB
- Nitrogen connection possibility, measurement by the pressure sensor in the station
- Possibility of converting to the R1234yf refrigerant

## Details:

- Refrigerant: R134a/1234yf
- Electronic refrigerant scales: Accuracy +/- 10 g
- Electronic new/used oil scales: accuracy +/- 1 g
- Electronic vacuum gauge: Cl. 1.0
- 3 m conduits, low/high pressure gauges: Cl. 1.6
- Internal tank capacity: 25kg/27l
- Cubic capacity of the compressor: 300 g/min
- Pump capacity: 100 l/min
- Final vacuum level: 5 Pa - 0.05 mbar
- Composite molecular sieve filter
- Mechanical filter (fine mesh), thermal printer

## Included with the station:

Pair of protective gloves, safety goggles, set of external cylinder connections, standard weight for scales calibration, allen key for scales blocking/lowering, instruction manual.

## INCLUDED WITH EACH STATION:

COVER, POSTER, GLOVES, SAFETY GOGGLES, TRAINING, ADVERTISING BANNER.



# ALASKA PREMIUM HFO AUTOMATIC A/C SYSTEMS DIAGNOSTICS AND CHARGING STATION

007950015240



Jeep



Calibration and manuals available online



NITROGEN CONNECTOR



PRINTER



CAR + TRUCK DATABASE WITH MEMORY CARD UPDATING (OPTIONAL)



EASY CALIBRATION



IMPROVED OIL DISCHARGE



LOW OPERATING COSTS



SCALES LOCK



REFRIGERANT IDENTIFICATION



HYBRID OIL MAINTENANCE



MADE IN ITALY

**ALASKA PREMIUM HFO** is a device used to fill and diagnose air conditioning units with the new refrigerant HFO-1234yf. Provided with fully automatic functions and compliant with the provisions of European and American safety regulations as well as the recommendations of SAE (Society of Automotive Engineers) guidelines. The efficiency of the ventilation system guarantees the best heat dissipation properties while the placement of the tachometric fan on the bottom of the device enables the removal of escaped gas and evacuating it outside using the ventilation system of the repair shop. Two modes of refrigerant recovery, compliant with the SAE standard and designed to make the work of the operator easier, compliant with repair shop working time regulations. Possibility of refrigerant identification with an optional identifier. The device is equipped with a database of recent service operations and diagnostics helpful in the identification of A/C system problems as well as nitrogen testing with the use of the built-in pressure sensor. The system flushing function removes oil contamination. All operations displayed on a readable LCD screen are printed out.

Innovative working systems signal any problems with the operation of the device, car system and technical service.

## Equipment:

- Programmer and high quality electronic solenoid control system
- Safety valves
- Pressure sensors
- Cylinder pressure sensor (cylinder pressure measurement with alarm)
- Additional refrigerant cooler (with electric fan)
- Two analog pressure gauges with suggested values
- Thermal printer
- Built-in database of passenger and delivery cars, trucks and agricultural machines with possibility of adding new vehicles, diagnostics and recent service database.
- Electronic scales for oil and refrigerant
- 3 m service conduits with possibility of extension, compliant with J2888, LCD display
- Four tanks for recovered oil, new oil, dye and oil for hybrid vehicles, heating belt, system flushing port
- POE/UV container (hybrid cars) with a quick coupling connector
- Refrigerant identifier (optional)
- Heating belt, nitrogen port (max 15 bar), USB interface
- Parker quick coupling connector compliant with J2888

## Device functions:

- recovery of the A/C system refrigerant
- cleaning the refrigerant of mechanical impurities
- water removal by refrigerant filtration
- separation of the refrigerant from oil in the system
- measurement of the amount of recovered refrigerant
- test for the presence of residual refrigerant in the system
- system evacuation using a high performance vacuum pump
- system leakage test
- automatic weight-based oil injection in the amount set by the user or manual injection with visual control
- recovery of refrigerant from the conduits, manual operation mode
- logging the performed operations in a customer-friendly printed format
- system flush using the refrigerant, system diagnostics with printout
- in/out refrigerant balance, simple and inexpensive servicing
- automatic or manual discharge of non-condensed gas
- Database update via USB
- Nitrogen connection possibility, measurement by the pressure sensor in the station
- Refrigerant identification (optional)

## Details:

- Refrigerant: R1234yf
- Electronic refrigerant scales: Accuracy +/- 10 g
- Electronic new/used oil scales: accuracy +/- 1 g
- Electronic vacuum gauge: Cl. 1.0
- Low/high pressure gauges: Cl. 1.6
- Internal tank capacity: 10 kg, cubic capacity of the compressor: 300 g/min
- 3 m conduits, pump flow rate: 100 l/min
- Final vacuum level: 5 Pa - 0.05 mbar, composite molecular sieve filter and mechanical filter (fine mesh), thermal printer

## Included with the station:

Pair of protective gloves, safety goggles, set of external cylinder connections, standard weight for scales calibration, allen key for scales blocking/lowering, instruction manual.

## INCLUDED WITH EACH STATION:

COVER, POSTER, GLOVES, SAFETY GOGGLES, TRAINING, ADVERTISING BANNER.





## AIR CONDITIONING SERVICE STATIONS – COMPARISON CHART

					
	ALASKA START	ALASKA START HFO	ALASKA BUS	ALASKA PREMIUM	ALASKA PREMIUM HFO
Refrigerant	R134a	R1234yf	R134a	R134a (convertible to 1234yf)	R1234yf
Refrigerant identification	no	optional	no	no	optional
Internal database	yes	yes	yes	yes	yes
Recent operations memory	yes	yes	yes	yes	yes
A/C system diagnostics	yes	yes	yes	yes	yes
Internal printer (with printout personalisation)	optional	optional	yes	yes	yes
HP-LP, HP, LP	manual valves	manual valves	manual valves	solenoid valves	solenoid valves
Recovery	AUT	AUT	AUT	AUT	AUT
Oil recovery	AUT w/o scales	AUR w/scales	AUR w/scales	AUR w/scales	AUR w/scales
Vacuum	AUT	AUT	AUT	AUT	AUT
Leakage test	AUT	AUT	AUT	AUT	AUT
Charging phase	AUT	AUT	AUT	AUT	AUT
System flush	no	yes	yes	yes	yes
Compatibility with nitrogen set	no	optional	optional	optional	optional
Discharge of non-condensed gas	AUT w/valve	AUT w/valve	AUT w/valve	AUT w/solenoid valve	AUT w/solenoid valve
Keypad with display	alphanumeric min 4 x 20 (4 buttons)	alphanumeric min 4 x 20 (4 buttons)	alphanumeric min 4 x 20 (4 buttons)	LCD screen with buttons	LCD screen with buttons
Oil injection (Aut - scales)	Time-based	Time-based	Time-based	Aut - scales	Aut - scales
UV injection (Aut - scales)	Time-based	Time-based	Time-based	Time-based	Time-based
HP-LP pressure gauges	80 mm	80 mm	80 mm	80 mm	80 mm
Fresh oil container with a quick coupling connector	yes	yes	yes	yes	yes
POE/UV container (hybrid cars) with a quick coupling connector	no	yes	optional	yes	yes
Length of hoses	3000 mm	3000 mm	5000 mm	3000 mm	3000 mm
Vacuum pump capacity	70L	70L	226L	100L	100L
Vacuum	min 0.05 mBar	min 0.05 mBar	min 0.05 mBar	min 0.05 mBar	min 0.05 mBar
Compressor	9 cc	9 cc	14 cc	9 cc	9 cc
Heating belt	no	yes	yes	yes	yes
Internal cylinder	10 kg	10 kg	25 kg	25 kg	10 kg
Cylinder pressure sensor with relative temperature measurement	no	no	no	yes	yes
Internal tank pressure reading	no	Pressure gauge	Pressure gauge	Screen	Screen

Heating Belt For Container 12,5 l

007935090760

Heating Belt For Container 27,2 l

007935090770



Printer For Station Plus/Hd/Next

007935096320

Printer For Station Alaska Start HFO/AlaskaBUS

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 Robinair Dimension 76 mm Length 235 mm  
Fitting 3/8" (ACS 511, ACS 611, Robinair AC690  
AC 595)

007950025900



Filter Brainbee/Valeo(BrainBee CLIMA 8000, 8250,  
8500, 9000, 9000BUS,CLIMA FILL PROF,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



Warranty Extension 12 Months For All Units

099994910040



2019 Book Database

007935090895



USB Database Upgrade for Ct Top Next/Ct Top Maxi 2019

007935090891



Station Database Upgrade for Clima Tech Top 2019 – Memory Card

007935090890

Station Database Upgrade for Clima Tech Plus/Hd Next 2019

– Memory Card

007935090880

Station Database Upgrade for Clima Tech Mobile/Evolution/Alaska Start 2019 - 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



Safety Cover For Clima Tech/Air Check/Clima Top Next /Seria ALASKA

007950015045



R1234YFRefrigerant Station Conversion Kit from R134A Refrigerant

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



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

007950024060



Gas analyser for the Alaska Start HFO/Alaska Premium HFO a ir conditioning service station

007950015690





# Ozon Maker Ozonizer MX-4000

Highest ozone production efficiency, confirmed by long experience!

**MAGNETI  
MARELLI**

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



430104018045

**1000  
mg/h**



007936210010

**4000  
mg/h**



## Ozon-Maker - ozone production device

By ionising the atmospheric air, the 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. Depending on the dimensions of the vehicle cabin and its cleanness, the device can be set to different operation modes and times (5, 10, 15, 30, 60 minutes). For buses, it is recommended to use several Ozon Maker devices. 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. It breaks down into a particle of oxygen and atomic oxygen. Due to its oxidation potential, ozone is commonly used in the industry.

- Dimensions: 320 x 220 x 95 mm.
- Power supply: 220/240 V- 50 Hz - 0.15 A - 18 W
- Performance: 3 l/min.
- Ozone production: 1 g/h

Due to its compact design and long ozone conduit, the removal of contaminants is very easy. Placing the end of the conduit with a probe in any point of the cabin or in the dust filter port does not pose any problems.

- user-friendly
- removes all contaminants
- removes moisture
- eliminates unpleasant odours
- simple and environmentally friendly operation
- eliminates the costs related to the use and disposal of chemicals

## MX4000 ozoniser - ozone production device

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

## 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  
PROTECTION300  
ml/hSOUND  
SIGNALLING  
FOR PROCESSES5-55  
°CCONTROL  
PANEL2-3  
µm1,5  
kg

007936211125

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



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) 5 l

007950025180



Spray sanificante 400 ml

007950024900



Decontamination Foam 400 ml

007950025630





**Cleaning Spray For Condenser 400 ml  
(2 pieces)**

**007950024050**



**Decontamination Spray Bio 200ml**

**007950025760**

**Decontamination Spray Bio 200ml**

**007950026610**



**Decontamination Liquid 5 l**

**007950025150**



**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

**RH-700 refrigerant identifier and  
analyser with printer  
(R134a, 1234yf, R22, R407, R410 ECT...)**

**007935021090**



Ultima ID-RH700 enables the verification of R134a, R22, R12, R407C, R410, R404A refrigerants together with the determination of air content and the amount of hydrocarbons. The results can be printed (option).

**SPECIFICATION:**

- Refrigerants: R134a, R22, R12, R407C, R410, R404A
- Refrigerants: R134a, R22, R12, R407C, R410, R404A, R427 ...HFC
- Tolerance: +/- 2%.
- Power supply: 12 V DC @ 2 A via 110/220 V AC Adapter; optional AAA batteries
- Certificates: CE, UL and CUL
- User interface: graphic, buttons, built-in printer
- Gas sample: cylinder pressure
- Temperature range: 10 °C to 37.7 °C
- Response time: less than 3 minutes
- Humidity: 0%-95% RH
- Weight of the gas sample: 5 g per test
- Working pressure: 50 psi – 500 psi

**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

**Termomete**

**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.

### Filter Kit With Viewfinder

#### 007950024780



Filter Kit With Viewfinder.

### 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

### Extended set for disassembly of compressor components

#### 007950016020



#### 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

### Electronic Scale 80 kg

#### 007950025380



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

### Tool For Dismounting Valve Core (Without Recovery Of Refrigerant).

#### 007950025200



### Blue Hose 2500 mm F 1/4" X F 1/4" 180 D

#### 007950013760

### Blue Hose 4000 mm F 1/4" X F 1/4" 180 D

#### 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 2500 mm F 1/4" X F 1/4" 180 D

#### 007950013770

### Red Hose 4000 mm F 1/4" X F 1/4" 180 D

#### 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® high pressure**  
HP M14x 1.5 mm  
007935020090



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



**Quickcoupler Parker® high pressure HP1/4" SAE**  
007935020110



**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**

Functions and specification:

- 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**

Functions and specifications:

- 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**

ELECTRONIC LEAK DETECTOR WITH A UV LAMP

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
- an audible alarm indicating the scale of leakage
- mute function
- UV protective goggles
- very bright UV diode lamp



**Detection kit for leakage hybrid systems and factors**  
**R134a / R1234yf**  
**007936210750**

- dispenser for contrast / manual oil
- 50 W UV lamp
- UV glasses





**UV Lamp 100 W**  
**007950024700**

- UV lamp 100W
- Safety glasses



**Special Uv Glasses**  
**007950025280**



**Electronic Leak Detector With Uv Lamp**  
**007950013850**

**ELECTRONIC LEAK DETECTOR WITH A UV LAMP**

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
- an audible alarm indicating the scale of leakage
- mute function
- UV protective goggles
- very bright UV diode lamp



**50W UV lamp with charger and glasses**  
**007950025190**

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



**Electronic Leak Detector Hydrogen**  
**007950013840**

**ELECTRONIC LEAK DETECTOR**

Allows for a quick leak localization in the system by the use of an electronic probe.

- 6 sensitivity degrees (15 detection degrees)
- three-color electronic scale indicating the volume of leakage
- detects leaks up to 3 gr/year
- detects Hydrogen
- flexible probe 43cm long
- battery test
- an audible alarm indicating the scale of leakage
- mute function
- UV protective goggles
- very bright UV diode lamp



## NITROGEN/HYDROGEN LEAKAGE TESTER

**(1 KG CYLINDER, REDUCER, 40 BAR PRESSURE  
GAUGE, DETECTOR, CUT-OFF VALVE)**

**007950025880**

Kit for comprehensive leakage testing in car A/C systems – using the R134 and 1234yf refrigerants. The kit consists of an electronic leakage detector, pressure gauges and conduits, all placed in a neat and durable case. The cylinder contains a mixture of 5% hydrogen and 95% nitrogen. The particles are smaller compared to pure nitrogen. This enables operators to find smaller leakages and use a detector for the operation, which is not possible with pure nitrogen.

**THE KIT INCLUDES:**

- electronic leakage detector, hydrogen
- pressure gauges and conduits in a neat and durable case
- pressure reducer 30 bar
- reducer adapter
- 1 l hydrogen cylinder (for 10-15 vehicles)
- pressure gauge with scale for measurement
- HP quick coupling for the R1234yf and 1234yf refrigerants.
- power supply for the detector
- spare cap



Manuals available online

**You Tube**



### 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-color 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
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)

Conduit 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



### Diode Uv

#### 430104017590





**Digital gauge 1/4"**  
**007950014300**

"MANOMETERS DIGITAL 1/4"  
(WITHOUT CABLE) A set of digital gauges allow for advanced leak tests of automotive air conditioning systems. The kit includes an integrated digital module manifold equipped with a 1/2" and valves.

**TECHNICAL DATA:**

- Refrigerant: R134a
- Displayed parameters: page LP - PSI, Bar, bar, kg / cm<sup>2</sup> and IN-Hg, p HP: Bar, bar kg / cm<sup>2</sup>
- Temperature display range: -4 to 93 °C
- Response time: 250 ms
- Connectors: 1/2"
- Operating temperature: 0 to 45 °C
- Power: 9V battery
- Battery Life: 350 hours continuous operation
- Low battery indicator: the icon on the display
- The ability to upgrade the software



**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 hydrogen

**Manometers Set 1/4" 63 mm without hoses**  
**430104017091**



**Manometer 40 Bar with hose 30 cm and valve**

**007950025870**



**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 )

**Cylinder With Hydrogen 1 l**  
**007950025890**



**Nitrogen 5 l**  
**007950024970**  
**Nitrogen 1 l**  
**007950024980**



**Manometer Kit+Hoses 2.5 m M+Quickcouplers**  
**007950024710**



**A set of gauges:**  
suitcase, manometers, 3 wires (180 m), 2 quick

**Pressure Reducer For Nitrogen 1 l**  
**007950025310**



**Set Of Manometers for 1234yf**  
**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.



**Pressure Reducer For Nitrogen Professional (Max 34 Bar)**  
**007950024990**



Professional reducer allowing the pressure change occurring in the nitrogen cylinder.

## 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 re-enter 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.

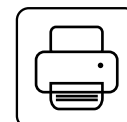
### THE KIT INCLUDES:

- 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

YouTube





# SUPER FLUSH

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



### Flushing Device For Buses 007950025390



Apparatus for washing systems with greater capacity only for use with non-flammable liquids.

Power: 0.5 HP  
Power supply: 230 V  
A flow reducer 100 to 25%  
The valve flow direction  
Dimensions: 25,5x35x20 cm  
Weight: 8.20 kg

### Ac Flushing Fluid 1 l flammable

007950024530

### Ac Flushing Fluid 1 l flammable

007950024540

### Ac Flushing Fluid 1 l flammable

007950024550

### Ac Flushing Fluid 1 l non-flammable

007950026620

### Ac Flushing Fluid 1 l non-flammable

007950026630

### Ac Flushing Fluid 1 l non-flammable

007950026640



### Adapters Kit For Flushing Machine - Basic

007950025000



### 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.

### Adaptors Kit For Manual Flushing

007950024740



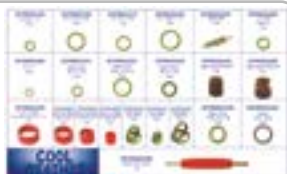
### Professional set of terminals for flushing devices, dedicated for European and American cars

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)****007936210720**

5x1.5 20 seal.	6.25x1.75 20 seal.	7.85x1.75 15 seal.	10.82x1.75 15 seal.	16x1.75 15 seal.	8.5x1.75 15 seal.
7x2 15 seal.	13.42x1.75 15 seal.	8.5x1.5 15 seal.	7.5x1.5 15 seal.	10.8x2.4 15 seal.	13.8x2.4 15 seal.
15.2x2.4 15 seal.	17.2x2.4 15 seal.	19.2x2.4 15 seal.	14.8x3.1 10 seal.	19x3.5 10 seal.	17.8x3.1 10 seal.

**Fiat Group Orings Kit****007935090690****Universal Orings Set****007935090750****Standard Orings Set****007950024080****Special Orings Set (88 pieces)****007950024090****Set Of Orings Full****007950025510****Set Of 29 Orings (435 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****PACK 10 Sealing washers for compressors****007950026135**

PACK 10 Sealing washers for compressors  
007950026140  
007950026145  
007950026150  
007950026155



PACK 10 Sealing washers for compressors  
007950026160



Set Of Caps And Service Ports  
007950025260



Protective Cap R134A Lp (2 pieces)  
007950024240



Protective Cap R134A Hp (2 pieces)  
007950024250



Protective Cap R134A Lp (2 pieces)  
- Japanese Cars  
007950025290



Protective Cap R134A Hp (2 pieces)  
- Japanese Cars  
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 quickcoupler1/4" 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 Male1/4" (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**



**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

**Hydraulic Press Expander for Pipes**  
**007936210710**



**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"  
007935020990



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



Spring Lock Connector Male with Bush No.6  
007936210120  
Spring Lock Connector Male 180 degrees with  
Bush No.8  
007936210130  
Spring Lock Connector Male 180 degrees with  
Bush No.10  
007936210140  
Spring Lock Connector Male 180 degrees with  
Bush No.12  
007936210150



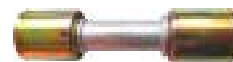
45-degree Spring Lock Connector Male with  
Bush No.6  
007936210240  
45-degree Spring Lock Connector Male with  
Bush No.8  
007936210170  
45-degree Spring Lock Connector Male with  
Bush No.10  
007936210180  
45-degree Spring Lock Connector Male with  
Bush No.12  
007936210190



180-degree Connector with Bushes and HP  
Adapter No. 6  
007936210200  
180-degree Connector with Bushes and HP  
Adapter No. 8  
007936210210  
180-degree Connector with Bushes and HP  
Adapter No.10  
007936210220  
180-degree Connector with Bushes and HP Adapter No.12  
007936210230



180-degree Connector with Bushes No. 6  
007936210160  
180-degree Connector with Bushes No.8  
007936210250  
180-degree Connector with Bushes No.10  
007936210260  
180-degree Connector with Bushes No.12  
007936210270



180-degree Spring Lock Connector Female No.6  
with Bush  
007936210280  
180-degree Spring Lock Connector Female No.8  
with Bush  
007936210300  
180-degree Spring Lock Connector Female No.10  
with Bush  
007936210320  
180-degree Spring Lock Connector Female No.10  
with Bush  
007936210330



90-degree Spring Lock Connector Female No.6  
with Bush  
007936210290  
90-degree Spring Lock Connector Female No.8  
with Bush  
007936210310  
180-degree Spring Lock Connector Female No.12  
with Bush  
007936210340  
90-degree Spring Lock Connector Female No.12  
with Bush  
007936210350



180-degree Spring Lock Connector Female No.6  
(Aluminium)  
007936210370  
180-degree Spring Lock Connector Female No.8  
(Aluminium)  
007936210400  
180-degree Spring Lock Connector Female No.10  
(Aluminium)  
007936210430  
180-degree Spring Lock Connector Female No.12  
(Aluminium)  
007936210450



45-degree Spring Lock Connector Female No.6  
(Aluminium)

**007936210380**

45-degree Spring Lock Connector Female No.8  
(Aluminium)

**007936210410**

45-degree Spring Lock Connector Female No.10  
(Aluminium)

**007936210440**

45-degree Spring Lock Connector Female No.12  
(Aluminium)

**007936210470**



180-degree Spring Lock Connector Male No.6  
(Aluminium)

**007936210630**

180-degree Spring Lock Connector Male No.8  
(Aluminium)

**007936210650**

180-degree Spring Lock Connector Male No. 10  
(Aluminium)

**007936210670**

180-degree Spring Lock Connector Male No. 12  
(Aluminium)

**007936210690**



90-degree Spring Lock Connector Female No.6  
(Aluminium)

**007936210390**

90-degree Spring Lock Connector Female No.8  
(Aluminium)

**007936210420**

45-degree Spring Lock Connector Female No. 12  
(Aluminium)

**007936210460**



45-degree Spring Lock Connector Male No.6  
(Aluminium)

**007936210640**

45-degree Spring Lock Connector Male No.8 (Aluminium)

**007936210660**

45-degree Spring Lock Connector Male No.10  
(Aluminium)

**007936210680**

45-degree Spring Lock Connector Male No. 12  
(Aluminium)

**007936210700**



90-degree Spring Lock Connector Male No. 6  
(Aluminium)

**007936210480**

90-degree Spring Lock Connector Male No. 8  
(Aluminium)

**007936210490**

90-degree Spring Lock Connector Male No. 10  
(Aluminium)

**007936210500**

90-degree Spring Lock Connector Male No. 12  
(Aluminium)

**007936210510**



180-degree through connector, no couplings, 6  
(Aluminium)

**007936210520**

180-degree through connector, no couplings, 8  
(Aluminium)

**007936210530**

180-degree through connector, no couplings, 10  
(Aluminium)

**007936210540**

180-degree through connector, no couplings, 12  
(Aluminium)

**007936210550**



Tee Connector, no couplings, No.6 (Aluminium)

**007936210560**

Tee Connector, no couplings, No.8 (Aluminium)

**007936210570**

Tee Connector, no couplings, No. 10 (Aluminium)

**007936210580**

Tee Connector, no couplings, No. 12 (Aluminium)

**007936210590**



THICK-WALL HOSE REDUCED BARRIER, G8  
SIZE, STEEL, ø19.5X9.6

**007936210030**

THICK-WALL HOSE REDUCED BARRIER, G8  
SIZE, STEEL, ø23.5X12.3

**007936210040**

THICK-WALL HOSE REDUCED BARRIER, G10  
SIZE, STEEL, ø26X14.3

**007936210110**

THICK-WALL HOSE REDUCED BARRIER, G12  
SIZE, STEEL, ø29X18

**007936210100**

THIN-WALL HOSE REDUCED BARRIER, G6 SIZE,  
STEEL, ø15.5X9.6

**007936210060**

THIN-WALL HOSE REDUCED BARRIER, G6 SIZE,  
STEEL, ø18X12.3

**007936210070**

THIN-WALL HOSE REDUCED BARRIER, G6 SIZE,  
STEEL, ø 20X15.6

**007936210080**

THIN-WALL HOSE REDUCED BARRIER, G6 SIZE,  
STEEL, ø24.3X19.2

**007936210090**



AirSplice 1/2" Line Reducing Access. Kit

**007935020170**

AirSplice 3/8" Line Reducing Acces. Kit

**007935020180**

AirSplice 5/16" Line Reducing Acces. Kit

**007935020190**

MultiSize Reduc Acces. Kit 1/2"3/8"5/16"

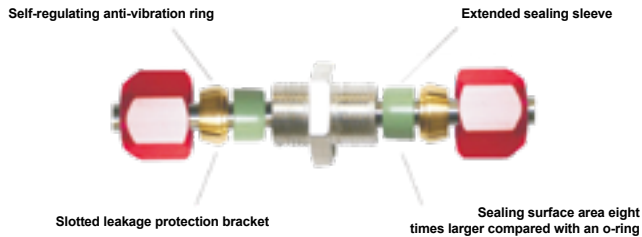
**007935020200**



## SMART REPAIR SYSTEM

Quick repair systems for damaged conduits in car air conditioning systems.

Approved by OE manufacturers



The SMART SYSTEM solves problems related both to working time and reliability of traditional methods of conduit repairs:

Remove the damaged section and reconnect the ends of the conduit

Without the need to remove the conduit

Without welding

Without chemical bonding agents

Without specialised tools



BEFORE REPAIR



AFTER REPAIR

### INNOVATIVE SEALING DESIGN

Special material – HNBR (Hydrogenated Nitrile Butadiene Rubber) used for sealing

Patented anti-vibration ring

### Line Straight Repair Kit for 1/2"

007935020140

### Line Straight Repair Kit for 3/8"

007935020150

### Line Straight Repair Kit for 5/16"

007935020160

### Line Straight Repair Kit for 3/4"

007935020260

### Line Straight Repair Kit for 5/8"

007935020220

### Line Straight Repair Kit for 10mm

007935020230

### Line Straight Repair Kit for 12mm

007935020240

### Line Straight Repair Kit for 15mm

007935020250

### Line Straight Repair Kit for 8mm

007935020600

### Line Straight Repair Kit for 16mm

007935020610

### Line Straight Repair Kit Reduc 1/2"-5/16"

007935020480

### Line Stra Repair Kit Reduc for 12-10mm

007935020620

### Line Straight Repair Kit Reduc 1/2"-3/8"

007935020490

### Line Straight Repair Kit Reduc 3/8"-5/16"

007935020470



### Burgaclip Smart Hose Shears

007935021050



### Airsplice Repair kit for 1/2" 3/8" 5/16"

007935020210



### Airsplice Service Port LP 5/16"

007935020270

### Line A/C Low Side "T" for 3/8"

007935020280

### Line A/C Low Service "T" for 1/2"

007935020290

### Line A/C Low Side "T" for 5/8"

007935020300

### Line A/C Low Side "T" for 10mm

007935020310

### Line A/C Low Side "T" for 12mm

007935020320

### Line A/C Low Side "T" for 15mm

007935020330

### Line A/C Low Side "T" for 16mm

007935020340

### Line A/C High Side "T" for 5/16"

007935020350

### Line A/C High Side "T" for 3/8"

007935020360



### Airsplice Service Port HP 5/8"

007935020380

### Line A/C High Side "T" for 10mm

007935020390

### Line A/C High Side "T" for 12mm

007935020400

### Airsplice Service Port HP 15mm

007935020410

### Airsplice Service Port HP 16mm

007935020420

### Line A/C High Side "T" for 8mm

007935020750

### Line A/C High Side "T" for 1/2"

007935020370



### Line 45 Degr Repair Kit 1/2"

007935020500

### Line 45 Degr Repair Kit 3/8"

007935020510

### Line 45 Degr Repair Kit 5/16"

007935020520

### Line 45 Degr Repair Kit for 5/8"

007935020530

### Line 45 Degr Repair Kit for 3/4"

007935020540





Line 90 Degr Repair Kit for 1/2"

007935020550

Line 90 Degr Repair Kit for 3/8"

007935020560

Line 90 Degr Repair Kit for 5/16"

007935020570

Line 90 Degr Repair Kit for 5/8"

007935020580

Line 90 Degr Repair Kit for 3/4"

007935020590



Line Straight SAE / Metric Ten Pack

007935020630



Line Splice 45 Degree SAE Four Pack  
(5/16", 3/8", 1/2", 5/8")

007935020640



Line Splice 90 Degree SAE Four Pack  
(5/16", 3/8", 1/2", 5/8")

007935020650



Terminat Rear A/C Blockoff Kit 5/16" 007935020430

Terminat Rear A/C Blockoff Kit 3/8" 007935020440

Terminat Rear A/C Blockoff Kit 5/8" 007935020450

Line Terminator Rear A/C Blockoff 1/2" 007935020660

Line Terminator 3/4" 007935020670

Line Terminator Rear A/C Blockoff 8 mm 007935020680

Line Terminator Rear A/C Blockoff 10 mm 007935020690

Line Terminator Rear A/C Blockoff 12 mm 007935020700

Line Terminator Rear A/C Blockoff 15 mm 007935020710

Line Terminator Rear A/C Blockoff 16 mm 007935020720



Line Terminator SAE Five Pack  
(5/16", 3/8", 1/2", 5/8", 3/4")

007935020730



Line Terminator SAE / Metric Ten Pack  
(5/16", 3/8", 1/2", 5/8", 3/4", 8mm, 10mm,  
12mm, 15mm & 16mm)

007935020740



Line Splice Service "T" SAE Five Pack  
(5/16", 3/8", 1/2", 5/8", 3/4")

007935020760



Line Splice Straight SAE Five Pack  
(5/16", 3/8", 1/2", 5/8", 3/4")

007935020460



Straight Connector - 5/16" A/C 6 A/C Hose

007935020770

Straight Connector - 3/8" A/C 6 A/C Hose

007935020780

Straight Connector - 1/2" A/C 8 A/C Hose

007935020790

Straight Connector - 5/8" A/C 10 A/C Hose

007935020800

Straight Connector - 3/4" A/C 12 A/C Hose

007935020810



Smart Splice Straight Line to Hose  
Connectortors - SAE sizes, 4 Pack  
ONE each 5/16" Line to 6 hose, 3/8"  
Line to 6 hose, 1/2" Line to 8 hose  
and 5/8"Line to 10 hose"

007935020820



Smart Splice Straight Line to Hose  
Connectortors - SAE sizes, Five Pack  
(ONE each 5/16" Line to 6 hose, 3/8"  
Line to 6 hose, 1/2" Line to 8 hose,  
5/8"Line to 10 hose and 3/4" to 12 hose)

007935020830



Smart Splice Hose-to-Hose 6 - 7

007935020840

Smart Splice Hose-to-Hose 8 - 8

007935020850

Smart Splice Hose-to-Hose splicer 10 - 10

007935020860

Smart Splice Hose-to-Hose 12 - 12

007935020870



Smart Line to Hose Connector 90 5/16" Hose 6

007935020880

Smart Connector 90 degr 3/8" (9,5mm) Hose 6

007935020890

Smart Connectore 90 degr 1/2" (12,7mm)Hose 8

007935020900

Smart Connector 90 degr 5/8" (15,9mm)Hose 10

007935020910



Smart Connector 45dgr 5/16" (7,9mm) Hose 6  
007935020920  
Smart Connector 45dgr 3/8" (9,5mm) Hose 6  
007935020930  
Smart Connector 45dgr 1/2" (12,7mm) Hose 8  
007935020940  
Smart Connector 45dgr 5/8" (15,9mm) Hose 10  
007935020950



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



Vacuum Pump Oil 0,5 L For Diffrent Air  
Conditioning Stations  
007935090600  
Vacuum Pump Oil 1,0 L For Diffrent Air  
Conditioning Stations  
007950024880



Oil For Hybrid Cars 250 ml  
007950024680



Polyester Oil (Poe) Iso 100 1 Lt + Contrast UV  
007935090650



Pao 68 Oil 0,5 l with UV  
007935090740



Pao 68 Oil 1 l with UV  
007950024860



Polyester Oil (Poe) ISO 100 1l  
007950024850



Pao Oil 68 250 ml  
007950024630  
Pao Oil 68 1 l  
007950024640  
Pao Oil 68 5 l  
007950024650



Pao 68 Oil In Hermetic Container 200 ml  
007950024660



Pag Oil ISO 46 1 l  
007935090660  
Pag Oil ISO100 1 l  
007935090670  
Pag Oil ISO150 1 l  
007935090680



Pag Oil ISO 46 250 ml  
007935090710



Pag Oil ISO100 250 ml  
007935090720



Pag Oil ISO150 250 ml  
007935090730



Oil Pag 46 With UV 250 ml  
007950025570  
Oil Pag 46 With UV 1000 ml  
007950025580  
Oil Pag 100 With UV 250 ml  
007950025590



Oil Pag 100 With UV 1000 ml  
007950025600



Oil Pag 150 With UV 250 ml  
007950025610



Universal oil for vehicles  
hybrid / R1234yf 250 ml  
007950027080



Olej uniwersalny do pojazdów  
hybrydowych/R1234yf 1000 ml  
007950027090



Oil Pag 150 With UV 1000 ml  
007950025620



PAG 68 Oil 250ml  
007950026370



PAG 68 Oil 1 l  
007950026380



PAG 69 Oil 5 l  
007950026390



PAG 68 Oil UV 250 ml  
007950026400



PAG 68 Oil UV 1 l  
007950026410



PAG 68 Oil UV 5 l  
007950026420



UV Dye ( 250 ml )  
007935090640



UV Dye 1 l  
007950025320



UV In Hermetic Container 200 ml  
007950024670



Contrast UV 5 l  
007950024610



Blister Of Syringes With Uv Dye (12x7,5ml)  
007950025910



Universal contrast for the factors  
R134A/R1234yf/Hybryd 250 ml  
007950027160



Universal Dye  
R134A/R1234yf/Hybryd 1000 ml  
007950027170



POE Oil 170 250 ml  
007950026540  
POE Oil 170 UV 250 ml  
007950026550  
POE Oil 220 250 ml  
007950026560  
POE Oil 220 UV 250 ml  
007950026570





Poe Oil 5 l  
007950024490  
Pag Oil 46 5 l  
007950024500



Pag Oil 100 5 l  
007950024510  
Pag Oil 150 5 l  
007950024520



UV Dye 1234yf 250 ml  
007950024915



UV Dye 1234yf 250 ml  
007950024920



PAG 46 oil for R744 (CO2) 250 ml  
007950027340



PAG 46 oil for R744 (CO2) 1 l  
007950027350



PAG-based dye for R744/CO2 250 ml  
007950027330



Oil with parameters corresponding to SPA 2  
to R134a / R1234yf factor of 250 ml  
(Sanden electric compressors)  
007950026335



Contrast UV in Injector +Cable (12pcs)  
007950026340  
Contrast UV for Hybrydes in Injector +Cable  
(12pcs)  
007950026350



Uv dye 1234yf 250 ml  
007950024915



Oil Pag 100 1234yf 250ml  
007950024925



Oil for hybrid cars for 1234yf  
007950024685



All-Purpose Oil PAG 250ml  
007950026430



All-Purpose Oil PAG 1000ml  
007935090670



All-Purpose Oil PAG 5000ml  
007950026440



All-Purpose Oil PAG UV 250ml  
007950026450



All-Purpose Oil PAG UV 1000ml  
007950026460



All-Purpose Oil PAG UV 5000ml  
007950026470



**Solvent Cleaner For Air Conditioning  
Systems 1000 ml**  
**007950025770**



**UV Dye Remover 400 ml**  
**007950025270**



**Leak Finder 400 ml**  
**007950024690**



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



**Leak Stop For A/C Systems 30 ml with UV**  
**007950025140**  
**Leak Stop For A/C Systems 30 ml**  
**007950025330**



**Oil acidity neutralizer in an Injector 50ml**  
**007950027100**



**Oil acidity neutralizer in an Injector 6 ml R134a/  
R1234yf + Adapter do R134a**  
**007950027110**



**Oil acidity neutralizer in an Injector 6 ml R134a/  
R1234yf + adapter do R1234yf**  
**007950027120**



**Oil acidity neutralizer for Hybrid in an Injector 6 ml  
R134a/R1234yf + Adapter do R134a**  
**007950027130**



**Oil acidity neutralizer for Hybrid in an Injector 6 ml  
R134a/R1234yf + Adapter R134a**  
**007950027140**



**Oil acidity neutralizer for Hybrid in an Injector 6 ml  
R134a/R1234yf + Adapter R1234yf**  
**007950027150**



**Oil acidity neutralizer in an Injector 50ml**  
**007950026490**



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



**Oil acidity test**  
**007950026480**



**Clima Box Presenter with ac consumables**  
**007950026090**



**Presenter contains several air conditioning  
products. Perfect presentation products.**  
**2 PAG OIL 46 x 250 ml**

2 x 100 PAG OIL 250 ml  
1 x OIL PAG 150 250 ml  
1 x SINGLE decontamination SPRAY 200 ml Lavender  
1 x SINGLE de SPRAY 200 ml Pine  
1 x SINGLE dekontamination SPRAY 200 ml Pi<sub>2</sub>mo  
1 x UV CONTRAST (250ml)  
1 x FOAM TO SEARCH leaks 400ml  
1 x SEALING THE AIR CONDITIONING  
1 x SET TWO decontamination sprays  
1 x FOAM decontamination 400 ml

# INNOVATION flows in our veins

## Technical training with Magneti Marelli!

### Wide range of training topics:

- servicing automatic transmissions
- hybrid technology
- SEP (Asociation of Polish Electrical Engineers) certification up to 1 kV
- CAN/LIN data transmission networks
- use of an oscilloscope in vehicle diagnostics
- chassis geometry
- air-conditioning systems
- vehicle monographs
- many, many others....



Knowledge and professionalism combined with a real passion for cars will always be part of Magneti Marelli's DNA



For more information on training, scheduling and enrolment, visit [www.magnetimarelli-checkstar.pl](http://www.magnetimarelli-checkstar.pl), section PRODUCTS/TRAINING or call: +48 602 430 632, +48 538 156 656

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MARELLI**

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# PNEUMATIC IMPACT WRENCHES

## MAGNETI MARELLI

**MAGNETI  
MARELLI**


### T-REX

007936331020



1/2"	1/4" 6,3 mm
0.63 MPa	DOUBLE IMPACT MECHANISM
1280 Nm	COMPOSITE HOUSING
12,5 mm	1,9 kg

Powerful 1/2" impact wrenches with two-way hammer mechanism and pressure lubrication system. Wrenches are available in 680, 860, 1280 and 1500 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.

### T-REX

Excellent composite wrench.

Recommended for car repair shops, tyre fitters and private users.

Great value for money, low weight and high reliability.

Twin Hammer mechanism

- 2-stage power control for right and left rotation
- Precise trigger – smooth speed control
- Well balanced centre of gravity for comfortable operation
- Composite aluminium housing, only 1.9 kg



### IGUAN

007936331000

- Square drive: 1/2"
- Maximum torque: 680 Nm
- Air requirement: 0.11 m<sup>3</sup>/min
- Working pressure: 6.3 bar
- Air inlet: 1/4"
- Weight: 2.0 kg



### Mini T-REX

007936331010

- Square drive: 1/2"
- Maximum torque: 860 Nm
- Air requirement: 0.13 m<sup>3</sup>/min
- Working pressure: 6.3 bar
- Air inlet: 1/4"
- Weight: 2.0 kg



### MM-150 1500 Nm composite pneumatic wrench

007936331000

- Square drive: 1/2"
- Mounting bolt size: 3/4" (19 mm)
- Revolutions per minute: 8800 rpm
- Air inlet: 1/4"
- Air requirement: 0.23 m<sup>3</sup>/min
- Working pressure: 6.3 bar
- Maximum torque: 1492 Nm
- Weight: 2.7 kg



### RAPTOR

007936331040

- Square drive: 1/2"
- Mounting bolt size: 1/2" (13 mm)
- Revolutions per minute: 8500 rpm
- Air inlet: 1/4"
- Air requirement: 0.11 m<sup>3</sup>/min
- Working pressure: 6.3 bar
- Maximum torque: 520 Nm
- Weight: 1.6 kg



### MAMUT

007936331060

- Maximum impact torque: 2600 Nm
- Average air requirement: 0.28 m<sup>3</sup>/min
- Socket: 1"
- Maximum speed: 4000 rpm
- Air connector: 1/2"
- Rotation: right-left
- Weight: 12.5 kg



#### Advantages:

- Strong
- Efficient
- Robust aluminium construction
- Compact, ergonomic design



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

# Condensers



Kahekili, Maui, USA

The line of eQual Quality condensers includes products manufactured from the best aluminium alloys, which grant them high corrosion resistance, and thus longer operation. Due to their location and the material used for their manufacturing, the condensers are the air conditioning system components, most exposed to faults. The quality of raw materials has a crucial importance for the operation of the entire air conditioning system.



[www.mmwe.eu](http://www.mmwe.eu)

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