



**ECOTECHNICS®**

**SIMPLY EFFICIENT**

**PRODUCT CATALOGUE 2023**

EN

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SIMPLY EFFICIENT

## Statement

### The workshop in focus

Ecotechnics is the specialised international brand and landmark for the maintenance of air conditioning systems in the automotive industry. For the first time, experience and knowledge are also leading to a new dimension in the maintenance of automatic transmissions ATF.

The brand stands for the indisputable safety of its products and its employees, the consciousness of providing sustainable products, the constant research of improvement and the passion for customer connection.

The workers in the workshop are the “daily heroes” who make things work. The company puts them first, listening carefully to their needs and striving to offer always the most efficient and friendly solutions.

## Brand history

### For over 25 years there is no one like us

Ecotechnics was established in Florence in 1995. Innovative ideas instantly found fertile ground and a privileged environment: Tuscany has always been strongly associated with research and innovation, featuring excellent research centres and highly qualified universities. The region has thus reached a high index of human resources and competences, capable of generating strong innovative development.

The initially small factory soon specialised in air conditioning service units for recovery, recycling and recharging of air conditioning systems in the automotive industry. Ecotechnics achieved a leading global position in a few years.

The key to the organisation's success is ongoing research for improvement and dedication to providing technological development for the benefit of the user. Driven by this concept, Ecotechnics has earned numerous international patents over the years and is proud to have invented and introduced a host of advanced functions, such as the fully automatic service process, the compact aluminium manifold and the A/C diagnostic function integrated in an A/C service unit.

The company Snap-on Climate Solutions Srl was established following the acquisition of Ecotechnics Spa by the American holding Snap-on in 2015. Snap-on is one of world's leading manufacturers of innovative tools, diagnostic systems and equipment, and has been service provider for professional users in the industrial and automotive sector since 1920. The brand Ecotechnics and Snap-on have defined specific synergic competences and, together with the other brands of the group, pursue the common goal of developing the most valuable productivity solutions in the world.

Today the Ecotechnics brand is present in more than 80 countries worldwide through a network of selected and specialised dealers.

**Made in Tuscany**



# ECOTECHNICS HIGHLIGHTS

Solutions, trends and technological standards



## REFRIGERANT CONFIGURATION

### Practical for the dealer, a service for the workshop

The constant availability of the product and fast delivery are decisive in any logistic organization; a competitive advantage for the dealer and, for the workshop, a concrete reason for choosing a supplier.

The most tangible exclusive result recently developed and patented by the Ecotechnics research and development team, is the possibility to supply "neutral" climate stations and decide the type of gas even at the last moment, thanks to the availability of different refrigerant kits.

The packaging of the station actually provides the space for the insertion of the R134a or HFO refrigerant activation kit.

## HYBRID

### The integrated patented solution or aftermarket option

The "Observatory for electric mobility" of the European Commission confirms a growth trend of hybrid and electric cars over 30% per year that will reach in less than 20 years more than 50% of vehicles currently in circulation. These vehicles have the compressor driven by a high voltage electric motor. The specific oil must be insulating to ensure safety.

The use of non-insulating oil is dangerous for the operator. To remove all traces of non-insulating oil, the cleaning of service hoses and internal circuits is mandatory before recharging.

The patented Ecotechnics system automatically carries out the washing of service hoses and internal ducts, thanks to the specific software and connectors integrated into the station. A closed-circuit washing cycle enables a high cleaning efficiency.

In addition to the integrated system of the standard feature, an innovative aftermarket upgrade solution has been developed (KIT.HYBRID for ECK NEXT and Cinquecento12).



## PROJECT: TECHNOLOGICAL STANDARDS

### Safety, energy saving, ease of use and environmental protection

The key to the success of Snap-on Climate Solutions is continuous research for improvement. The company has obtained numerous international patents over the years and is proud to have introduced many innovations to the market.

The best solutions have become "technological standards" that will be gradually adopted throughout the entire range. Among the most recent successful standards, there is the distributor with 12 Volt solenoid valves, a significant improvement in terms of energy saving, lower heat inside the station and higher safety; the configuration of the stations through the refrigerant kits with advantages in terms of flexibility for the retailer; the generation of new touch screens with a software interface that improves user-friendliness; the refrigerant analyzer that provides the percentages of the tested gas components and, finally, the WIFI connectivity.

## "SAVING" BENEFIT: ACCURACY AND EFFICIENCY

### The standard for recovery and filling control

Snap-on Climate Solutions has gained considerable experience in the commercialization of climate stations designed according to the most restrictive market standards such as the American SAE regulations. In order to constantly monitor the performance of the climate stations, the company has developed internal product standards in order to monitor the parameters of Recovery Efficiency and Refrigerant Filling Accuracy. Periodic tests are always performed under the same conditions in terms of climatic condition, measuring instruments and procedures.

Moreover, thanks to technological development and improvement, the company is able to obtain Efficiency and Accuracy values that exceed the results required by universally accepted standards. An example is the patented feature of the Vacuum Assist that has allowed to pass the homologation tests with ETL in the USA.



## GAS ANALYSIS AND IDENTIFICATION

### The solution to managing the risk of contamination

With the objective of improved environmental protection, the Regulation (EU) No 517/2014 establishes the reduction of refrigerants with a high global warming potential (GWP). Since January 1, 2017, vehicle A/C systems in many countries around the world must use refrigerants with GWP < 150. HFO1234yf gas is the most widely used solution with a GWP 350 times lower than its predecessor R134a.



Controls and limitations on the production, import and sale of R134a gas have been introduced. The graph shows the maximum allowed percentage of R134a and the price expectations of the two refrigerants. The price difference and supply difficulties can cause misuse of refrigerants and lead to contamination of the station.

Ensuring the purity of the refrigerant is critical to the proper management of Warranties, to avoid station decontamination and A/C system repair costs and to ensure the disposal of contaminated gas.

In the majority of Ecotechnics stations, a gas analyzer or gas identifier can be installed.

- The gas identifier verifies the correct purity of the refrigerant with a "pass-fail" test (previous models with identifier option ECK 4000 HFO, ECK 3900 Premium, ECK 3500, ECK 3900)
- The gas analyzer also detects the percentages of the different refrigerant component (the whole actual range of stations with analyser option)



## CONNECTIVITY

### The dialogue between the workshop and the equipment

The digital world offers endless opportunities to integrate new solutions into the organization of the "connected workshop": an efficient and useful experience for the modern mechanic, aligned with future online services that help to increase the profitability of the workshop. WIFI connection as a standard or optional feature has been implemented in the latest Ecotechnics climate stations. Current features include real-time A/C service status display on smartphones, tablets or PCs, station data such as available oil and gas, and exportable archive of performed services. A "work in progress" that will gradually see the implementation of additional features.

## 12 VOLT TECHNOLOGY

### Safety and energy saving

The correct flow of the refrigerant or the oil and the control of pressures during the various phases of the A/C service are managed by the "manifold" through the opening and closing of valves at the proper time. While the processes are coordinated by the Software, the force to open and close the valves is generated by the coils through a magnetic field. The new standard provides their power supply at 12V, a tension that is independent of the voltage applied in the country of distribution. A worldwide solution that also allows intelligent control of the applied energy, lower power consumption, lower operating temperature, improved safety and longer life of the components.

## SANITIZATION

### Saniflux - Hygiene in the car

Several microorganisms such as germs, bacteria, viruses, fungi, spores and other pathogens nestle inside the whole car cabin and the ventilation system (heating and air conditioning). In addition, the concentration of floating dust or Particulate Matter (PM10), in constant movement due to air circulation, completes a very high potential pollution of the passenger compartment. The health protection of the driver, passengers, and mechanics operating on the vehicle, requires attention in order to keep the hygiene not only on the various contact points such as seats, control buttons, steering wheel, gear knob, keys, but also on any other surface not in contact with them, and especially on the air. The air flows through filters, ventilation ducts and, with the air conditioning system turned on, through the evaporator (the heat exchanger where the cold air is produced).

Saniflux System is designed for the nebulization treatment of the A/C system and the passenger compartment.

## AC-SERVICE24

### Global, fast and competent

Maximum attention to Customer Connection: at the company's headquarters, a team of experts with deep and extensive know-how is available with a fast, professional and competent customer service.

Moreover, with the online portal [www.ac-service24.com](http://www.ac-service24.com) Ecotechnics provides a 24-hour service to the mechanic: activation of the A/C station, technical information and documentation, updating of Software or Database, warranty management, spare parts list and Support Request/Troubleshooting/Problem-Solving.





## High-End for the modern workshop

ECK FLAG is designed for different types of refrigerant. The standard features, WIFI connectivity, gas analyser option and high-quality components make ECK FLAG a benchmark among the most modern A/C charging stations.

**Fully automatic climate station for recovery, recycling and charging for R134a or HFO1234yf**

- Configuration of the refrigerant during activation with the corresponding R134a or HFO kit
- Large 7" touch screen display for an easy, fast and intuitive navigation
- Energy-saving with 12-volt solenoid valve technology
- Built-in Hybrid feature for the flushing of service hoses and internal circuits. Indispensable for the service on systems with an electric compressor.
- Optional refrigerant analyser to detect % of refrigerant components tested: HFO1234yf, R134a, R22, HC hydrocarbons and air.
- Automatic test of the A/C system under pressure with nitrogen or hydrogen/nitrogen mixture
- Management of 2 oils and 1 tracer - both with hermetic containers that can be filled and with hermetic cartridges
- Automatic purging of non-condensable gases
- 2 large side pockets to comfortably accommodate even longer hoses
- WIFI connection as standard
- Complete database including commercial and agricultural vehicles
- Status light

### STANDARD



### OPTION



7" TOUCH SCREEN



BUILT-IN HYBRID FEATURE



REFRIGERANT ANALYSER

Y1F200000000	<b>ECK FLAG</b>
Y1FH00000000	Refrigerant Kit FLAG HFO1234yf
Y1FR00000000	Refrigerant Kit FLAG R134a
Y1FH00000001	Refrigerant Kit FLAG HFO1234 UK
Y1FR00000001	Refrigerant Kit FLAG R134a UK





# ECK NEXT PRO

## Flexibility for the workshop

ECK NEXT PRO is designed for different types of refrigerant. ECK NEXT PRO enriches the equipment with an additional oil/tracer container and a cylinder heater. The Hybrid feature is standard. Additional optional features make this station a fast and flexible solution.

**Fully automatic climate station for recovery, recycling and charging for R134a or HFO1234yf**

- Refrigerant configuration during activation with the corresponding R134a or HFO kit
- Large 5" touch screen display for an easy, fast and intuitive navigation
- Energy-saving with 12-volt solenoid valve technology
- Standard Hybrid for flushing of service hoses and internal circuits.  
Indispensable for the service on systems with an electric compressor
- Automatic leakage control during the vacuum phase
- Optional refrigerant analyser for % detection of refrigerant components tested:  
HFO1234yf, R134a, R22, HC hydrocarbons and air.
- Oil and tracer management, both with standard refillable containers and hermetic cartridges
- 2 large side pockets to comfortably accommodate even longer hoses
- WIFI connection available on request
- Complete database including commercial and agricultural vehicles
- Automatic internal cylinder heater

### STANDARD



### OPTION



5" TOUCH SCREEN



2 CONTAINERS MANAGEMENT  
HYBRID FUNCTION



LARGE SIDE POCKETS

Y2NP40000000	<b>ECK NEXT PRO</b>
Y1NH00000000	Refrigerant Kit HFO1234yf
Y1NR00000000	Refrigerant Kit R134a
Y1NH00000001	Refrigerant Kit HFO1234 UK
Y1NR00000001	Refrigerant Kit R134a UK







# ECK NEXT

## The versatile solution for the workshop

ECK NEXT is designed for different types of refrigerant. ECK NEXT is characterised by innovative functions, simplicity and the high-quality standard of the components. The station offers high flexibility thanks to aftermarket upgrade possibilities. ECK NEXT, the easy station for the workshop.

**Fully automatic A/C charging station for recovery, recycling and charging for R134a or HFO1234yf**

- Refrigerant configuration during activation with the relevant R134a or HFO kit
- Large 4.3" touch screen display for an easy, fast and intuitive navigation
- Energy-saving with 12-volt solenoid valve technology
- Optional Hybrid kit for flushing service hoses and internal circuits. Indispensable for the service on systems with an electric compressor.
- Automatic leakage control during the vacuum phase
- Optional refrigerant analyser for % detection of refrigerant components tested: HFO1234yf, R134a, R22, HC hydrocarbons and air.
- Oil management with both standard refillable containers and hermetic cartridges
- 2 large side pockets to comfortably accommodate even longer hoses
- WIFI connection available on request
- Complete database including commercial and agricultural vehicles

### STANDARD



### OPTION



REFRIGERANT CONFIGURATION



HYBRID KIT

Y1N000000000	<b>ECK NEXT</b>
Y1NH00000000	Refrigerant Kit HFO1234yf
Y1NR00000000	Refrigerant Kit R134a
Y1NH00000001	Refrigerant Kit HFO1234 UK
Y1NR00000001	Refrigerant Kit R134a UK







7" TOUCH SCREEN DISPLAY



4 HERMETIC CONTAINERS



WIFI CONNECTIVITY

# ECK TWIN 12

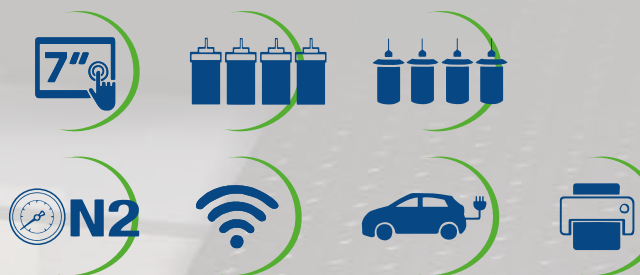
## The complete station for R134a and HFO1234yf

ECK TWIN 12 is the renovated expression of the functional and technological skills of the Ecotechnics brand. Two machines in one is the simple, fast and safe solution. ECK TWIN 12 is renewed by adopting some of the most successful modern technological standards.

**Fully automatic A/C charging station for recovery, recycling and charging for R134a and HFO1234yf**

- Two independent circuits with specific components for each gas
- New 7" touch screen display for an easy, fast and intuitive navigation
- Energy-saving with 12-volt solenoid valve technology
- Built-in hybrid function for the flushing of service hoses and internal circuits. Indispensable for the service on systems with an electric compressor.
- Optional refrigerant analyser for % detection of refrigerant components tested: HFO1234yf, R134a, R22, HC hydrocarbons and air.
- Automatic test of the A/C system under pressure with nitrogen or hydrogen/nitrogen mixture
- Management of 2 oils and 2 tracers, both with hermetic containers that can be filled and with hermetic cartridges
- Automatic purging of non-condensable gases
- WIFI connection as standard
- Complete database also including commercial and agricultural vehicles
- Innovative and practical cylinder locking system from the outside
- 100V or 110V transformer available as an optional feature

### STANDARD



### OPTION



K6T5A000000B

**ECK TWIN 12**

**OEM Approvals:**  
PSA\*\*, Renault\*, Mitsubishi\*, Honda\*, Suzuki Italia\*, Jaguar-Land Rover\*, Toyota Deutschland\*  
\*) ECK TWIN 12 is the evolution of ECK TWIN PRO  
\*\*) Approval obtained on ECK TWIN PRO







# ECK 4012

## Premium class in a timeless design

The top of the Black Line range. Most modern features are standard and offer the best performance and ease of use. The refrigerant configuration is done during the initial start-up. Future-oriented standard features and high-quality components make the ECK 4012 a highlight among the most modern air conditioning service units.

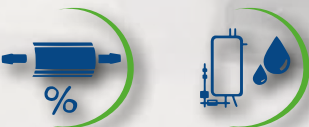
**Fully automatic climate station for recovery, recycling and charging for R134a or HFO1234yf**

- Configuration of the refrigerant during activation with the corresponding R134a or HFO kit
- Large 7" touch screen display for an easy, fast and intuitive navigation
- Energy-saving with 12-volt solenoid valve technology
- Built-in Hybrid feature for the flushing of service hoses and internal circuits. Indispensable for the service on systems with an electric compressor.
- Optional refrigerant analyser to detect % of refrigerant components tested: HFO1234yf, R134a, R22, HC hydrocarbons and air.
- Automatic test of the A/C system under pressure with nitrogen or hydrogen/nitrogen mixture
- Management of 2 oils and 1 tracer - both with hermetic containers that can be filled- and with hermetic cartridges
- Automatic purging of non-condensable gases
- WIFI connection as standard
- Complete database including commercial and agricultural vehicles
- Status light

### STANDARD



### OPTION



3 CONTAINERS MANAGEMENT



OPTIONAL REFRIGERANT ANALYSER

Y1Q200000000	<b>ECK 4012</b>
Y1FH00000000	Refrigerant Kit FLAG HFO1234yf
Y1FR00000000	Refrigerant Kit FLAG R134a
Y1FH00000001	Refrigerant Kit FLAG HFO1234 UK
Y1FR00000001	Refrigerant Kit FLAG R134a UK







2 CONTAINERS MANAGEMENT



INTEGRATED HYBRID FUNCTION



REFRIGERANT CONFIGURATION

# ECK 1900 PRO

## Functionality, design, innovation

ECK 1900 PRO is designed for different types of refrigerant. ECK 1900 PRO enriches the equipment with an additional oil/tracer container and a cylinder heater. The Hybrid feature is standard. Additional optional features make this station a fast and flexible solution.

**Fully automatic climate station for recovery, recycling and charging for R134a or HFO1234yf**

- Refrigerant configuration during activation with the corresponding R134a or HFO
- Large 5" touch screen display for an easy, fast and intuitive navigation
- Energy-saving with 12-volt solenoid valve technology
- Standard Hybrid for flushing of service hoses and internal circuits. Indispensable for the service on systems with an electric compressor
- Automatic leakage control during the vacuum phase
- Optional refrigerant analyser for % detection of refrigerant components tested: HFO1234yf, R134a, R22, HC hydrocarbons and air.
- Oil and tracer management, both with standard refillable containers and hermetic cartridges
- WIFI connection available on request
- Complete database including commercial and agricultural vehicles
- Automatic internal cylinder heater

### STANDARD



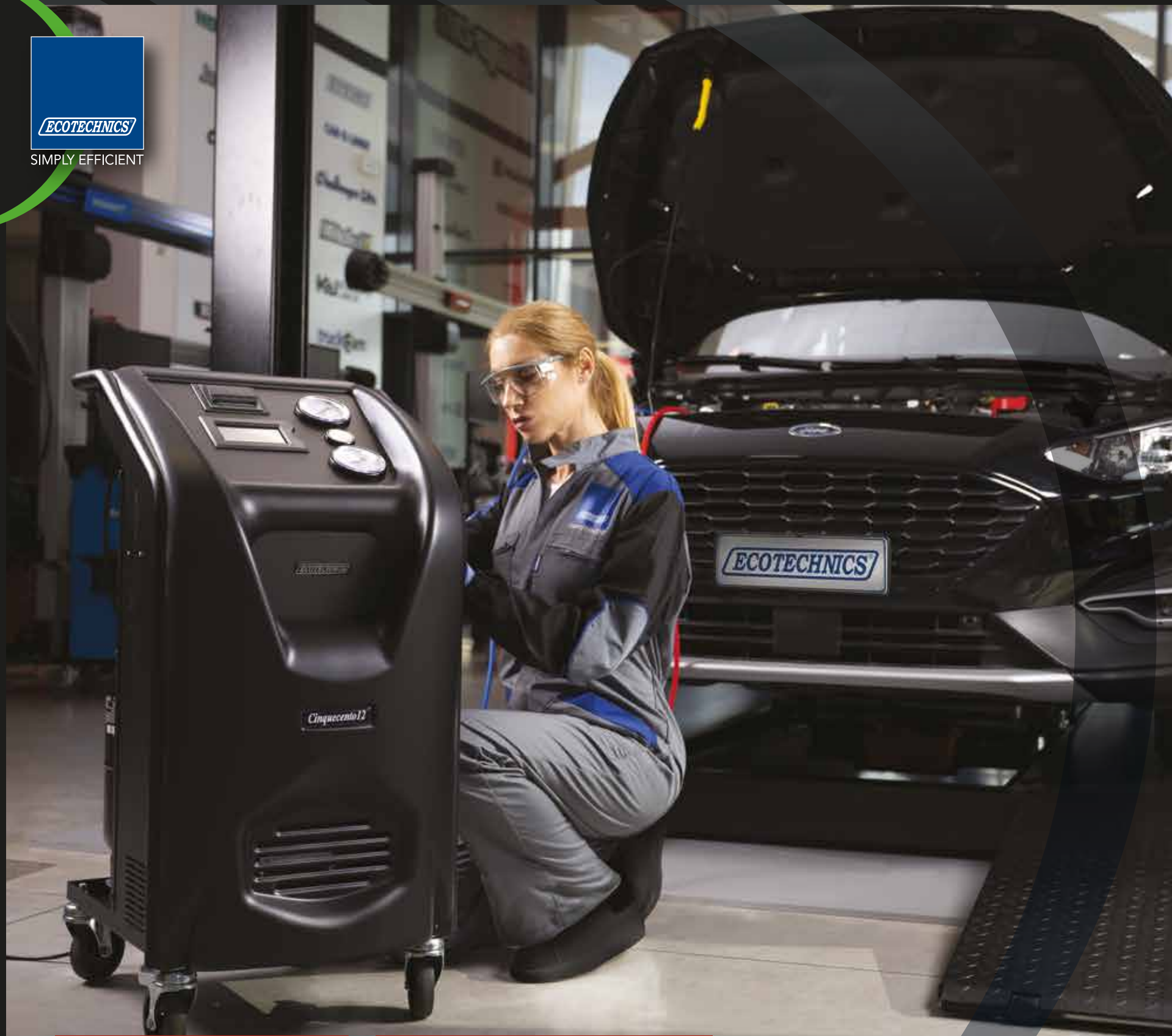
### OPTION



Y2P200000000	<b>ECK 1900 PRO</b>
Y1NH000000000	Refrigerant Kit HFO1234yf
Y1NR000000000	Refrigerant Kit R134a
Y1NH000000001	Refrigerant Kit HFO1234 UK
Y1NR000000001	Refrigerant Kit R134a UK







# Cinquecento12

## Compact, economic, modern

Cinquecento12 is the model designed for R134a or HFO refrigerants. The solid metal structure, the choice of known and tested components and the implementation of new technological standards make this station the most performing entry level on the global market.

Fully automatic A/C charging station for recovery, recycling and charging for R134a or HFO1234yf

- Configuration of the refrigerant during activation with the corresponding R134a or HFO kit
- Wide 4.3" touch screen display for an easy, fast and intuitive navigation
- Energy-saving with 12-volt solenoid valve technology
- Optional Hybrid kit for the flushing of service hoses and internal circuits. Indispensable for the service on systems with an electric compressor.
- Oil management both with standard refillable containers and with hermetic cartridges.
- WIFI connection available on request
- Complete database also including commercial and agricultural vehicles
- Thermal printer: factory option
- Front Panel available on request

### STANDARD



### OPTION



MANUAL SERVICE VALVES

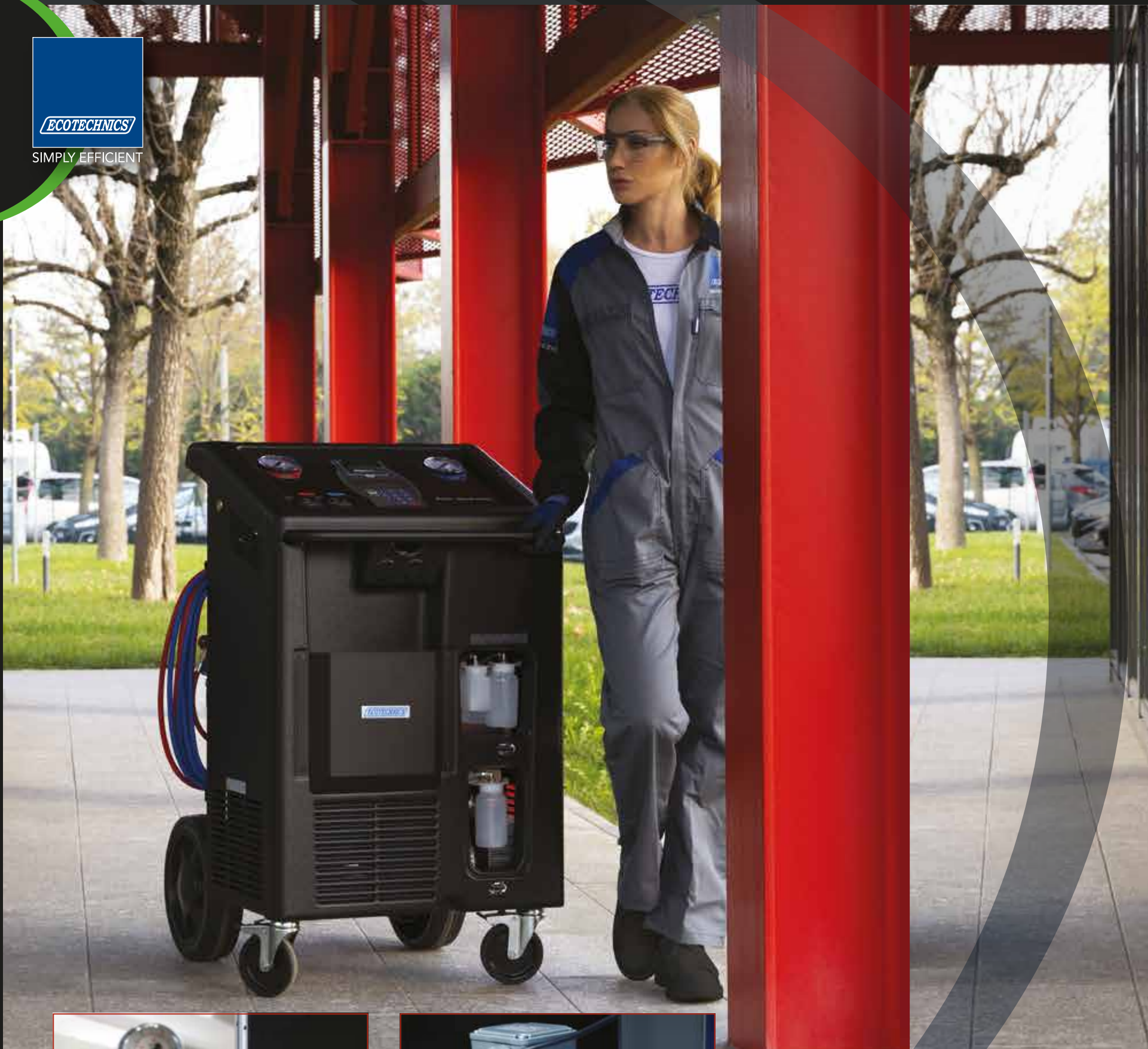


4,3" TOUCH SCREEN DISPLAY

Y2V000000000	<b>Cinquecento12</b>
Y2V200000000	<b>Cinquecento12 + printer</b>
KIT.PLA0001	Front Plastic Cover x Cinquecento
Y1NH00000000	Refrigerant Kit HFO1234yf
Y1NR00000000	Refrigerant Kit R134a
Y1NH00000001	Refrigerant Kit HFO1234 UK
Y1NR00000001	Refrigerant Kit R134a UK







# ECK BUS-PRO

## Power for large systems

Ecotechnics' special product for the refrigerant R134a. The technical characteristics of ECK BUS PRO allow to manage large climate systems such as those of buses or trains

Fully automatic A/C charging station for recovery, recycling and charging for R134a

- Large capacity 40L internal cylinder
- 1kg/min gear pump for very fast refrigerant refilling
- 170L/min vacuum pump
- 21cc hermetic compressor
- 6m hoses
- Automatic test of the A/C system under pressure with nitrogen or hydrogen/nitrogen mixture
- Management of 1 oil and 1 tracer with standard refillable containers
- Automatic purging of non-condensable gases
- Complete database also including commercial and agricultural vehicles

STANDARD



NITROGEN PRESSURE CONTROL



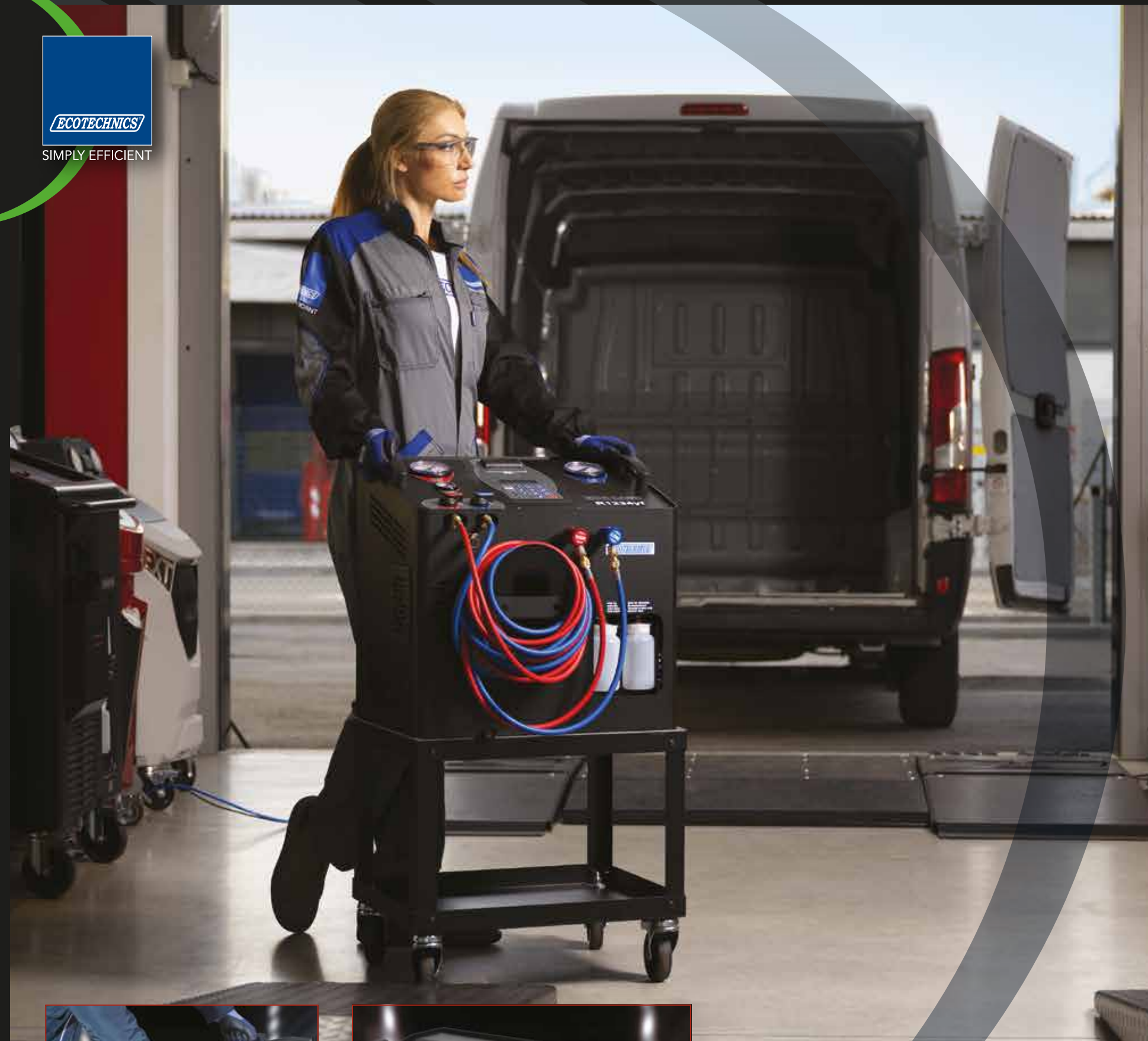
GEAR PUMP

XK456A000051

ECK BUS PRO







PRACTICAL HANDLES



PRINTER

# ECK LAND

## The mobile station

Ecotechnics' special product for the refrigerant R134a or HFO1234yf. ECK LAND was designed to be easily moved: compact size, low weight, handles and practical hooks for fixing during transport.

Fully automatic A/C charging station for recovery, recycling and charging for R134a or HFO1234yf

- Compact size for an easy movement
- Fully automatic station
- 6m hoses
- Printer
- Oil management with a standard refillable container
- Complete database also including commercial and agricultural vehicles
- Trolley with 4 swivel castors available as an optional extra

### STANDARD



### OPTION



**GRCAR01.13**

Shipment in disassembled kit

K5V2A000000A

**ECK LAND**

K5V2A000000H

**ECK LAND HFO**

GRCAR01.13

TROLLEY FOR **ECK LAND**

Approvals OEM:  
JCB, CLAAS (France)





FEATURES	ECK FLAG	ECK NEXT PRO	ECK NEXT	ECK TWIN 12
Type of refrigerant	HFO1234yf or R134a	HFO1234yf or R134a	HFO1234yf or R134a	R134a and HFO1234yf
Display	7" colour touchscreen	5" colour touchscreen	4,3" colour touchscreen	7" colour touchscreen
Service valves	Automatic	Manual	Manual	Automatic
Thermal printer	Standard	Standard	Option	Standard
Hermetic and refillable containers for oil and dye	Standard 2 + 1	Not available	Not available	Standard 2 + 2
Hermetic disposable containers for oil and dye	Standard 2 + 1	Standard 1 + option 1	Option 1	Standard 2 + 2
Refillable standard containers for oil and dye	Not available	Standard 2	Standard 1	Not available
Hoses	3 meters	3 meters	3 meters	2 pairs, 3 meters each
Data Base Car-Truck-Agri	Standard	Standard	Standard	Standard
Refrigerant Configuration	Standard	Standard	Standard	Not available
Hybrid function / electrically driven compressors	Standard	Standard	Option	Standard
Pressure test forming gas / nitrogen	Standard	Not available	Not available	Standard
Gas Identifier / Gas Analyser	Option, Analyser	Option, Analyser	Option, Analyser	Option, Analyser
Connectivity WIFI	Standard	Option	Option	Standard
Flushing Kit	Option	Option	Option	Option
Leak check in vacuum	Standard	Standard	Standard	Standard
Non condensable gas purge	Automatic	Manual	Manual	Automatic
Voltage	220-240V 50/60 Hz	220-240V 50/60 Hz	220-240V 50/60 Hz	220-240V 50/60 Hz
Vacuum pump	100 l/min, vacuum level 0,1 mbar	51 l/min, vacuum level 0,2 mbar	51 l/min, vacuum level 0,2 mbar	100 l/min, vacuum level 0,1 mbar
Sealed compressor	1/3 HP	1/3 HP	1/3 HP	2 x 1/3 HP
Recovery speed	300 g/min in liquid phase	300 g/min in liquid phase	300 g/min in liquid phase	300 g/min in liquid phase
Tank Scale resolution	10 gr	10 gr	10 gr	10 gr
Oil scale resolution	5 gr	5 gr	-	5 gr
Working temperature range	11/49 °C	11/49 °C	11/49 °C	11/49 °C
Filter system	1 filter for humidity, 100 kg	1 filter for humidity, 50 kg	1 filter for humidity, 50 kg	2 filters for humidity, 100 kg
Refrigerant tank	12 liters refillable	12 liters refillable	12 liters refillable	2x12 liters refillable
Bottle heater	Standard	Standard	Not available	Standard
Status light	Standard	Not available	Not available	Not available
Dimension / weight	cm 67 x 68 x 108, 77 kg	cm 67 x 68 x 108, 63 kg	cm 67 x 68 x 108, 63 kg	cm 67 x 65 x 107, 122 kg
Dimension / weight with packaging	cm 71 x 74 x 125, 95 kg	cm 71 x 74 x 125, 81 kg	cm 71 x 74 x 125, 81 kg	cm 91 x 72 x 126, 132 kg

FEATURES	ECK 4012	ECK 1900 PRO	Cinquecento 12	ECK BUS PRO	ECK LAND
Type of refrigerant	HFO1234yf or R134a	HFO1234yf or R134a	R134a or HFO1234yf	R134a	R134a or HFO1234yf
Display	7" colour touchscreen	5" colour touchscreen	4,3" colour touchscreen	LCD alphanumeric mm 146 x 82,5	LCD alphanumeric mm 98 x 39
Service valves	Automatic	Manual	Manual	Manual	Manual
Thermal printer	Standard	Standard	Factory Option	Standard	Standard
Hermetic and refillable containers for oil and dye	Standard 2 + 1	Not available	Not available	Not available	Not available
Hermetic disposable containers for oil and dye	Standard 2 + 1	Standard 1 + option 1	Option 1	Not available	Not available
Refillable standard containers for oil and dye	not available	Standard 2	Standard 1	Standard 1+ 1	Standard 1
Hoses	3 meters	3 meters	3 meters	6 meters	6 meters
Data Base Car-Truck-Agri	Standard	Standard	Standard	Standard	Standard
Refrigerant Configuration	Standard	Standard	Standard	Not available	Not available
Hybrid function / electrically driven compressors	Standard	Standard	Option	Not available	Not available
Pressure test forming gas / nitrogen	Standard	Not available	Not available	Standard	Not available
Gas Identifier / Gas Analyser	Option, Analyser	Option, Analyser	Not available	Not available	Not available
Connectivity WIFI	Standard	Option	Option	Not available	Not available
Flushing Kit	Option	Option	Not available	Not available	Not available
Leak check in vacuum	Standard	Standard	Not available	Standard	Not available
Non condensable gas purge	Automatic	Manual	Manual	Automatic	Manual
Voltage	220-240V 50/60 Hz	220-240V 50/60 Hz	220-240V 50/60 Hz	220-240V 50/60 Hz	220-240V 50/60 Hz
Vacuum pump	100 l/min, vacuum level 0,1 mbar	51 l/min, vacuum level 0,2 mbar	51 l/min, vacuum level 0,2 mbar	170 l/min, vacuum level 0,1 mbar	51 l/min, vacuum level 0,2 mbar
Sealed compressor	1/3 HP	1/3 HP	1/3 HP	21 cc	1/3 HP
Recovery speed	300 g/min in liquid phase	300 g/min in liquid phase	300 g/min in liquid phase	300 g/min in liquid phase	300 g/min in liquid phase
Tank Scale resolution	10 gr	10 gr	10 gr	10 gr	10 gr
Oil scale resolution	5 gr	5 gr		5 gr	5 gr
Working temperature range	11/49 °C	11/49 °C	11/49 °C	11/49 °C	11/49 °C
Filter system	1 filters for humidity, 100 kg	1 filter for humidity, 50 kg	1 filter for humidity, 50 kg	2 filters for humidity, 150 kg	1 filter for humidity, 50 kg
Refrigerant tank	12 liters refillable	12 liters refillable	12 liters refillable	40 liters refillable	7 liters refillable
Bottle heater	Standard	Standard	Not available	Not available	Standard
Status light	Standard	Not available	Not available	Not available	Not available
Dimension / weight	cm 55 x 60 x 110, 90 kg	cm 55 x 60 x 110, 80 kg	cm 47 x 51 x 97, 54 kg	cm 80 x 84 x 115, 127 kg	cm 51 x 42 x 44, 40 kg
Dimension / weight with packaging	cm 70 x 70 x 130, 100 kg	cm 70 x 70 x 130, 90 kg	cm 69 x 70 x 122, 68 kg	cm 91 x 72 x 126, 137 kg	cm 70 x 70 x 80, 50 kg



# Accessories and options

## Safe and suitable solutions

A professional and comprehensive climate service in the automotive industry requires, in addition to the climate station, accessories, consumables, leakage control solutions and items for regular maintenance. In order to guarantee safe and suitable solutions in the field of climate service, Ecotechnics presents the following range of products and accessories.

### STANDARDS AND OPTIONS

The presentation of the stations in this catalogue provides efficient commercial support and make sales activities as easy as possible: the graphic footprint in line with technological evolution and brand image, the attractive display of the stations, synthetic technical descriptions and, finally, icons for immediate understanding of the various standard or optional features. Below is a brief legend of the Ecotechnics icons.

Thermal printer



Hybrid function



Connectivity WIFI



Pressure test forming gas / nitrogen



Hermetic disposable containers



Hermetic and refillable containers



Refillable standard containers



Refrigerant Configuration



Gas Analyser



Gas Identifier



Display



Flushing Kit



**KIT.GAS (HFO1234yf)**  
Gas analyzer



**KIT.GAS (R134a)**  
Adapter for KIT.GAS



**XS180.000000 (HFO)**  
**XS185.000000 (R134a)**  
Gas identifier

Verifying the purity of the refrigerant before the climate service is very important because it avoids costs of decontamination of the station, repair of the A/C system and allows the regular disposal of the contaminated gas. The workshop protects the environment and avoids the risks of possible lawsuits. In most Ecotechnics stations, a gas analyzer or gas identifier can be installed.

- The gas identifier verifies the correct purity of the refrigerant with a "pass-fail" test (previous models with identifier option ECK 4000 HFO, ECK 3900 Premium, ECK 3500, ECK 3900)
- The gas analyzer also detects the percentages of the different refrigerant component (the whole actual range of stations with analyser option)

### XS601.00

#### Saniflux

System designed for the nebulization treatment of the A/C system and the passenger compartment.

Technical specifications

- Power 12V / 3.7A
- 400 ml tank, 4 Services (per refill)
- Weight 2.9kg
- Automatic shutdown
- Liquid level sensors
- Automatic alarms: high temperature, full tank, empty tank



**XS601.01**  
Connection cable  
for Saniflux



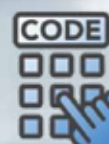
**XS601.00**  
Saniflux

### KIT.WIFI-N

#### WIFI connectivity evo

Aftermarket option for ECK NEXT PRO, ECK 1900 PRO, Cinquecento12, ECK NEXT (from TC2007621)

The WIFI connection as a standard or optional feature has been implemented in the latest Ecotechnics climate stations. Current features include real-time A/C service status display on smartphones, tablets or PCs, station data such as available oil and gas, and the exportable archive of services performed. Further features will be gradually implemented.



### AEK232-2 Kit Diagnosis Sight Glass HFO AEK232-1 Kit Diagnosis Sight Glass R134a

The DIAGNOSIS SIGHTGLASS is a perfect and quick solution to determine the quality of a refrigerant. The refrigerant flows through the transparent sight glass, allowing its quality to be observed and assessed: transparency indicates good quality, while the presence of tracer, impurities, residues or any moisture can also be checked.

The visual inspection of the refrigerant should be the first step in every air conditioning service. The sight glass can be connected directly to the A/C system. After a vacuum has been created in the sight glass with the A/C Station ("T" adapter), the refrigerant of the running system flows and can thus be observed. Other possible uses are, of course, the observation during the recovery phase (sight glass between the system and the A/C Station), the quality control of new purchase of refrigerant or to ensure the result of a flushing process.

The kit includes: case, sightglass with „T“ adapter, HP and LP quick coupler, HP and LP service hoses 70 cm, instruction leaflet



### KIT.HYBRID

#### Kit Hybrid upgrade option for HFO1234yf and R134a

This After-Market option allows adding the Hybrid feature to those climate stations equipped with appropriate software (ECK NEXT, Cinquecento12).



### AEK102-N7-R5

#### Bypass adapter set

The set contains adapters needed to install a bypass of a removed component (e.g. compressor, expansion valve, filter) to the A/C system before cleaning with the Flushing Kit.



### AEK102-N21

#### Flushing Kit (neutral unit requires configuration with Kit HFO or Kit R134a)

#### AEK102-N21-1 Kit HFO for Flushing Kit AEK102-N21

#### AEK102-N21-2 Kit R134a for Flushing Kit AEK102-N21

If the compressor or other components of a climate system break down, you must remove any possible residue that may be found in the system before reassembling the equipment. Many compressor manufacturers do not guarantee their new components unless the A/C system is cleaned before installation.

The advantages of this flushing kit are:

- Environmentally friendly because no solvents are used but only refrigerant
- Very efficient cleaning thanks to the high washing speed obtained with the vacuum in the tank
- Patented universal adapters for creating bypasses
- The amount of refrigerant can be defined by the user (washing a component rather than a system)
- Time-saving and efficiency thanks to the fast process and fully automatic cycles



### XK185.000000

#### EASYREC PRO (HFO & R134a)

The mobile equipment for the complete extraction of different types of refrigerant from air conditioning systems (CFC, HCFC, HFC, fuel). With Easyrec Pro, a mobile scale (AEK302) and a recycling tank, contaminated or unknown refrigerants can be easily and quickly extracted from air conditioning systems without the use of laborious procedures such as dry ice or other processes.



National or local regulations require the coordinated and controlled disposal of these contaminated refrigerants. With Easyrec Pro, the responsible workshop can easily manage the appropriate recycling process and thus make a valuable contribution to environmental protection. The package includes the 1.5 m service hose for the system (blue), 3 connections for HFO1234yf, R134a and 1/4" SAE and the 1.5 m hose for connecting Easyrec Pro to the cylinder (yellow).

### AEK207-A (R134a), AEK207-B (HFO1234yf) Manual injector

This device is perfect for manual injection of specific oils or tracers. An easy-to-use solution even for climate stations without the oil injection or tracer feature.



**CNT4012**  
40 L bottle  
per R134a  
R22  
R404a  
R507  
R407C



**AEK302**  
Electronic Scale  
100kg capacity



**AEK317**  
Double valve  
extractor screwdriver



**DB.AUTOAGRI**  
Data Base update  
for car, commercial,  
agricultural vehicles



**AEK120-E**  
Digital  
Thermometer



**KIT.STM**  
Thermal Printer Upgrade  
option (ECK Next,  
ECK 1900 Premium)



**IMB0011**  
DUST COVER



**IMB0026**  
DUST COVER  
BUS-TWIN



**IMB0036**  
DUST COVER  
Pro



**KIT.PLA0001**  
Front Plastic Cover  
x Cinquecento



**KIT.TRF110**  
External transformer  
110V-220V  
(ECK TWIN 12)



**KIT.TRF100**  
External transformer  
100V-220V  
(ECK TWIN 12)



# Connectors and hoses

For the daily climate service, in addition to the replacement of wear parts, maintenance items, products for repairs, connectors, hoses and adapters are also required. Here is a selection of the necessary products.



## SIMPLY AND EFFICIENT

Information sheet for the correct combination of station, service hose and quick coupling

A/C STATION			SERVICE HOSE	QUICK COUPLER
Refrigerant	Model	Connector	Station side – quick coupler side	
HFO	ECK 4000 HFO* ECK 3900 Premium HFO*	female M12 x 1,5	male M12 x 1,5 - male M12 x 1,5 <i>red hose 3 mt. tub2132</i> <i>blu hose 3 mt. tub2122</i> <i>red hose 6 mt. tub2136</i> <i>blu hose 6 mt. tub2126</i>	Quick coupler HFO (female M12 x 1,5) Adapter not necessary
	ECK TWIN 12			
R134a or Kit HFO/R134a	ECK FLAG ECK NEXT PRO ECK NEXT ECK 4012 ECK 1900 Pro Cinquecento12 ECK3900 Premium	male 1/2 ACME	female. 1/2 ACME - male M14 x 1,5 <i>red hose 3 mt. TUB2146</i> <i>blu hose 3 mt. TUB2147</i> <i>red hose 6 mt. TUB1148</i> <i>blu hose 6 mt. TUB1149</i>	Quick coupler R134a (female M14 x 1,5) Adapter not necessary
				Quick coupler HFO (female M12 x 1,5) Adapter RAC5216
R134a HFO	ECK BUS PRO ECK LAND ECK LAND HFO	male 1/4 SAE	female 1/4 SAE - female 1/4 SAE <i>red hose 6 mt. TUB1144</i> <i>blu hose 6 mt. TUB1145</i>	Quick coupler R134a 1/4 SAE
				Quick coupler HFO (female M12 x 1,5) AEK229A, AEK 229B: Adapter ¼ SAE included

\*HOSE LENGTH 3,8 METER; SEE SPARE PARTS LIST

	<b>TUB2132</b>	<i>RED HOSE 3 MT. HFO</i>
	<b>TUB2122</b>	<i>BLU HOSE 3 MT. HFO</i>
	<b>TUB2136</b>	<i>RED HOSE 6 MT. HFO</i>
	<b>TUB2126</b>	<i>BLU HOSE 6 MT. HFO</i>
	<b>TUB2146</b>	<i>RED HOSE 3 MT. R134a</i>
	<b>TUB2147</b>	<i>BLU HOSE 3 MT. R134a</i>
	<b>TUB1148</b>	<i>RED HOSE 6 MT. R134a</i>
	<b>TUB1149</b>	<i>BLU HOSE 6 MT. R134a</i>
	<b>TUB1144</b>	<i>RED HOSE 6 MT. 1/4" SAE</i>
	<b>TUB1145</b>	<i>BLU HOSE 6 MT. 1/4" SAE</i>

	<b>AEK1234A</b>	High quality QUICK COUPLER HP HFO Parker
	<b>AEK1234B</b>	High quality QUICK COUPLER LP HFO Parker
	<b>AEK208A</b>	High quality QUICK COUPLER HP R134a Parker
	<b>AEK208B</b>	High quality QUICK COUPLER LP R134a Parker
	<b>AEK228A</b>	QUICK COUPLER HP R134a
	<b>AEK228B</b>	QUICK COUPLER LP R134a
	<b>AEK229A</b>	QUICK COUPLER HP HFO1234yf
	<b>AEK229B</b>	QUICK COUPLER LP HFO1234yf
	<b>AEK230A</b>	QUICK COUPLER HP R134a 1/4" SAE
	<b>AEK230B</b>	QUICK COUPLER LP R134a 1/4" SAE
	<b>AEK218 - A</b>	HP "puff free" coupler for HFO
	<b>AEK218 - B</b>	LP "puff free" coupler for HFO
	<b>AEK224 - A</b>	HP "puff free" coupler for R134
	<b>AEK224 - B</b>	LP "puff free" coupler for R134a
	<b>AEK231-1</b>	Special swift coupling R134a
	<b>AEK231-2</b>	Special swift coupling HFO
	<b>AEK211</b>	Special quick-connect coupling R134a (Ford, BMW)
	<b>AEK277</b>	Special quick-connect coupling HFO1234yf (Ford)
	<b>AEK109A</b>	Terminal valve, high pressure 1/4" SAE
	<b>AEK109B</b>	Terminal valve, low pressure 1/4" SAE
	<b>AEK116 - 1</b>	Adapter for refrigerant bottles for R134a
	<b>AEK213</b>	Nitrogen coupler for A/C machines
	<b>AEK318</b>	Fitting HFO W 21.7 x 1/14" LH for Dupont bottle
	<b>AEK319</b>	Fitting HFO ½"-16 ACME LH for Honeywell bottle
	<b>AEK320</b>	Fitting LP for bottle R134a
	<b>RAC5216</b>	Fitting hose M14 x 1,5 HFO coupler M12 x 1,5



# Consumables and containers

- Simple solution for the user
- Everything for both HFO and R134a
- Mechanical and electric compressor
- Choice of bottles or hermetic cartridges
- Focused on the most used PAG/POE and viscosity standards

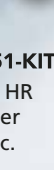
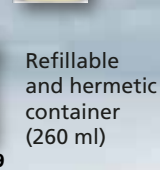
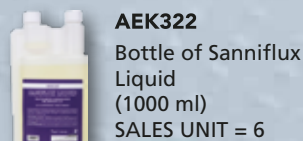
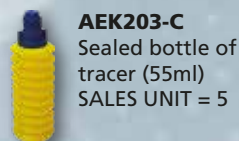
## TOP RECOMMENDATION

Oil / Tracer	PAG / POE	Viscosity	Bottle		Cartridge	
Oil	PAG	100	AEK275	250 ml	AEK275 - N	250 ml
		46	AEK276	250 ml	AEK276 - N	250 ml
	POE	80	AEK287	250 ml	AEK287 - N	250 ml
Oil / Tracer	POE	85	AEK386	250 ml	AEK386 - N	250 ml
Tracer			AEK290	250 ml	AEK290 - N	125 ml

OIL PAG	100	AEK275	Oil bottle PAG100 - 250ml for R134a, HFO1234yf mechanical and electric compressor
		AEK275-N	Sealed oil cartridge PAG100 - 250ml for R134a, HFO1234yf mechanical and electric compressor
	46	AEK276	Oil bottle PAG46 - 250ml for HFO1234yf, R134a mechanical and electric compressor
		AEK276-N	Sealed oil cartridge PAG46 - 250ml for R134a, HFO1234yf mechanical and electric compressor
OIL POE	80	AEK287	Oil bottle POE80 - 250ml for R134a, HFO1234yf mechanical and electric compressor
		AEK287-N	Sealed oil cartridge POE80 - 250ml for R134a, HFO1234yf mechanical and electric compressor
OIL POE + TRACER	85	AEK386	Oil + dye bottle POE85 - 250ml for R134a, HFO1234yf mechanical and electric compressor
		AEK386-N	Sealed oil + dye cartridge POE85 - 250ml for R134a, HFO1234yf mechanical and electric compressor
TRACER		AEK290	Dye bottle - 250ml for R134a, HFO1234yf mechanical and electric compressor
		AEK290-N	Sealed dye cartridge 125ml for R134a, HFO1234yf mechanical and electric compressor

## OTHER PRODUCTS AVAILABLE

AEK285	Oil bottle POE68 - 250ml for R134a, HFO1234yf mechanical and electric compressor
AEK285-N	Sealed oil cartridge POE68 - 250ml for R134a, HFO1234yf mechanical and electric compressor
AEK250-N	Sealed oil cartridge PAG46 - 250ml for R134a mechanical compressor
AEK265-N	Sealed oil cartridge PAG100 - 250ml for R134a, HFO1234yf mechanical compressor
AEK280	Oil bottle PAG46 - 250ml for R134a and mechanical compressor
AEK281	Oil bottle PAG100 - 250ml for R134a and mechanical compressor
AEK283	AEK283 Oil bottle POE100 - 250ml for R134a and electric compressors



## LEAK DETECTOR

	AEK178	Electronic Leak Detector, one instrument for identifying R134a, HFO1234yf and Hydrogen
	AEK203	Cobra Kit HD- Leak detector for A/C circuits including goggles, UV Cobra lamp, hermetic dye cartridge 55 ml for 7 applications, dye injector (R134a)
	AEK145	UV cobra led lamp, fluorescent enhanced goggles
	AEK304N	<b>WITH NITROGEN HYDROGEN BOTTLE</b> (attention on ADR class 2 for transport) Universal nitrogen leak detection kit with nitrogen hydrogen bottle (950ml) with quick couplers R134a and HFO
	AEK304S	<b>WITHOUT NITROGEN HYDROGEN BOTTLE</b> Universal nitrogen leak detection kit without nitrogen hydrogen bottle (950ml) with quick couplers R134a and HFO
	AEK305	Nitrogen + H2 bottle (950ml) ) (attention on ADR class 2 for transport)

## MAINTENANCE

	KIT016	Maintenance Kit. Includes 1 bottle 500ml of vacuum pump oil + 1 filter FLT5005
	KIT017	Maintenance Kit. Includes 1 bottle 500ml of vacuum pump oil + 1 filter FLT5512
	KIT018	Maintenance Kit. Includes 1 bottle 500ml of vacuum pump oil + 1 filter FLT5005 + 1 filter FLT5006
	PMP3335	Vacuum pump oil 500 ml ISO46
	TUB1260	Gas sample hose (HFO) for gas analyser and identifier
	TUB1263	Gas sample hose (R134a) for gas analyser and identifier
	FLT5507	Filter for gas analyser & identifier
	FLT8006	Filter for Flushing Kit 30µ (R134a)
	FLT8008	Filter for Flushing Kit 20µ (HFO, R134a)

## PART NUMBER

ECK FLAG	Y1F200000000
ECK 4012	Y1Q200000000
Refrigerant Kit FLAG HFO1234yf	Y1FH00000000
Refrigerant Kit FLAG R134a	Y1FR00000000
Refrigerant Kit FLAG HFO1234yf UK	Y1FH00000001
Refrigerant Kit FLAG R134a UK	Y1FR00000001
ECK TWIN 12	K6T5A000000B
ECK BUS PRO	XK456A000051
ECK LAND	K5V2A000000A
ECK LAND HFO	K5V2A000000H

ECK NEXT PRO HYBRID	Y2NP40000000
ECK NEXT	Y1N000000000
ECK 1900 PRO	Y2P200000000
Cinquecento12	Y2V000000000
Cinquecento12 + printer	Y2V200000000
Kit HFO1234yf	Y1NH00000000
Refrigerant Kit R134a	Y1NR00000000
Refrigerant Kit HFO1234yf UK	Y1NH00000001
Refrigerant Kit R134a UK	Y1NR00000001



## For automatic transmission cleaning and oil replacement

### ECOTECHNICS - LEADER IN INNOVATION

Automatic transmission technology has made great strides in recent years. Today there are automatic transmissions that can downshift from the eighth to the third gear without any noises or uncertainty. Therefore, the precision of their components is close to perfection.

Ecotechnics has listened to the needs of the market and presents a station finally up to the technological challenge required. The best maintenance, thanks to dedicated automatic protocols and innovative functions for gearbox cleaning and oil replacement

### THE WORLD OF LUBRICANT FLUIDS FOR AUTOMATIC TRANSMISSIONS

Changing motor oil is completely different than replacing lubricants for automatic transmissions. Whether it is a gearbox with a classical converter, a double clutch or some other type, there is no variation, in that, all must contain a fair amount of lubricating fluid.

If you don't change your transmission fluid on schedule, you'll be lubricating your transmission with metal shavings and other contaminants. Adverse effects include:

- Lacquers and solid particles may reduce oil flow through the valve maze, shortening the life of your transmission by causing the synchronizers, bearings and gears to wear out.
- Viscosity degradation decreases overall power; therefore, vehicle performance is compromised, as well.

Automatic transmission maintenance is recommended every 60,000-80,000 km. Without proper preventive measures, malfunctions and component failure can result.

Using ATF MOOVETECH prevents oil degradation, with lubricant additives that protect the base oil by protecting its molecular properties and degrading before the base oil does.

### BENEFITS

- Workshops equipped with the ATF MOOVETECH station can carry out maintenance of the automatic gearbox with a simple, automatic, reliable process.
- With regular maintenance and oil replacement, the results are striking! You won't hear gears grinding anymore with full power and peace of mind restored. Instead, you will notice better fuel economy and increased transmission longevity over time, with high performance and a new reliability.

### THE STATION ATF MOOVETECH

- High quality adapters for professional use come standard, along with a wide range of type of fittings for your convenience.
- Includes an efficient used oil management system -> SMART DRIP
- Specially designed to ensure there is no contamination between new and used oil
- Information from an online database is displayed on the user-friendly screen via Wi-Fi, providing the technician with valuable information on connections, adapters and more.



2 ULTRA FINE FILTERS



2 CONNECTORS AND USED OIL DRAIN HOSE





## ECOTECHNICS ENTERS THE WORLD OF LUBRICANT OIL SERVICE STATIONS WITH THE NEW ATF MOOVETECH

Designed with a modern and attractive design, it keeps the same refined style of the AC stations of the Ecotechnics family. Touchscreen technology and **7" display and WI-FI** allow an agile use of the station and storage of the operations carried out. Industry 4.0 ready.

**Innovation has been at the heart of design, oriented towards reliability, ease and speed of use:**



Automatic detection of flow direction.



Digital pressure measurement, always visible on display.



Complete protection of all internal components thanks to replaceable **ultra-fine filters**.



Start at two oil temperatures: 39°C and 20°C of oil.



**SMART-DRIP** system for oil collection directly under the cup, included in the station. *It detects and stores all the used oil collected to reinsert the exact amount.*



Oil temperature monitoring function.



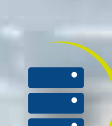
High flow gear pump (up to 9 l/min).



Integrated thermal printer for a full service report.



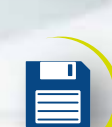
**SELF-PRIMING** function to initialize the station with a new color oil and different specifications, clean the residues of the oil used in the previous operation.



Data base included, for position connection points and oil type, available on-line or directly on display.



System **EASY EMPTY** for emptying the used oil tank **FAST** and **INNOVATIVE**. *No need to remove the used oil tank or dedicated pumps, thus eliminating the risk of breakage and increasing the reliability of the ATF MOOVETECH station.*



Customizable memory of codes and features of favorite oil brands.



Setting specific weight of lubricants.



Exclusive function for refilling new oil from tank or oil can to perform the oil level.



27 languages.



# Complete Technical Sheet

Name - Description	ATF MOOVETECH
Certifications	CE
Display	Touchscreen 7"
App smartphone	Wi-Fi
Software update	USB Flash Drive
Type of service	Automatic
Detection of flow direction	Automatic
Cross-contamination	Completely prevented
Self-priming	Introduce new oil type after flushing out residue of previously-used oil type
Valves for oil change	Automatic
Used oil emptying valve	Manual
Used oil container	Fixed container, 25 liters
New oil container	Removable plastic canister, 20 liters
New and used oil scale resolution	5 gr, load cell
Oil cleaner additive containers	2 liters
Oil cleaner additive scale resolution	5 gr, load cell
Oil cleaner additive injection	Automatic
Bowl for carter oil recovery	Provided - SMART DRIP system
Oil filtering	2x ultra-fine filters
Pump	High flow rate pump (up to 9 liters per minute)
Used oil tank emptying	With compressed air, easy emptying
Service pipes	2x 3 meters
Pipe for emptying used oil	1,5 meters
Top-up	From 1 liter bottle or canister
Oil quality indicator	By transparent illuminated tubes
Thermal printing	Standard
Database	Displays accurate positioning of connections
Languages	27 languages
Wi-Fi	Standard
Dimensions	72 x 73 x 108 cm, 80 kg
Dimensions with packaging	71 x 74 x 125 cm, 94 kg
Voltage	230Vac, 50/60 Hz
Power cord cable	Locking plug as standard
Working ambient temperature range	5 - 55 °C / 10-95% humidity



# Focus on the functions of ATF MOOVETECH

## CLEANING OF THE AUTOMATIC TRANSMISSION

During the cleaning cycle, the ATF MOOVETECH injects the special additive into the circuit to clean gently deposits and residues in a chemically controlled way. Newly developed ATF lubricants are products strongly additivated to adapt to the variation of temperatures or alternating loads. Despite this, the simple replacement of the oil does not prevent over time from the formation of harmful deposits.

## REPLACEMENT OF OIL

The ATF MOOVETECH station manages the oil replacement completely automatically. Starting the engine of the car with the ATF MOOVETECH connected to the gearbox, the two ultra-fine filters installed will clean the oil in circulation at the entrance of the station, thus eliminating metal and solid particles of any nature.

## RINSING AND EMPTYING OF THE OIL EXCHANGER

In older gearboxes the entire cooler line can collect residues of dirt and/or sludge. Among the functions of ATF MOOVETECH is the possibility to circulate a certain amount of new oil to remove the residues from the exchanger and then rinse the whole cooler line.

## Part numbers

Y1ATF0000000	ATF MOOVETECH
KIT.ATF	ATF BASE KIT ADAPTERS
LEVELKIT-ATF	OIL LEVEL CONNECTORS
DB.ATF	LOCAL DATABASE UPDATE
CNT0031	NEW CANISTER 20 liters
FLT.ATF.1000	2 x Filter cartridge



DB.ATF



CNT0031



FLT.ATF.1000



KIT.ATF



LEVELKIT-ATF

## ADAPTERS

	<b>RAC8201</b>	A1-FITTING FOR JAGUAR, MERCEDES-BENZ, MITSUBISHI, SSANGYONG
	<b>RAC8202</b>	A2-FITTING FOR JAGUAR, MERCEDES-BENZ, SSANGYONG
	<b>RAC8203</b>	A3-FITTING FOR JEEP, FIAT, ALFA ROMEO, OPEL, CITROEN
	<b>RAC8204</b>	A4-FITTING FOR DSG AUDI, VOLKSWAGEN, SKODA
	<b>RAC8205</b>	A5-FITTING FOR AUDI, VOLKSWAGEN, JEEP
	<b>RAC8206</b>	A6-FITTING FOR AUDI, PORSCHE, OPEL, SUBARU, MAZDA, CITROEN, RENAULT, ALFA ROMEO, LANCIA
	<b>RAC8207</b>	A7-FITTING FOR AUDI
	<b>RAC8208</b>	A8-FITTING FOR AUDI, MERCEDES-BENZ, MITSUBISHI
	<b>RAC8209</b>	A9-FITTING FOR BMW, RENAULT, SAAB, FORD, RANGE-ROVER, JAGUAR
	<b>RAC8210</b>	A10-FITTING FOR VOLVO
	<b>RAC8211</b>	A11-FITTING FOR GM
	<b>RAC8212</b>	A12-FITTING FOR JEEP, DODGE, OPEL
	<b>RAC8213</b>	A13-FITTING FOR JEEP
	<b>RAC8214</b>	A14-SET OF 4 UNIVERSAL RUBBER EXTENSIONS (8,10,13,15mm)
	<b>RAC8215</b>	A15-FITTING FOR BMW, VOLVO, AUDI, MERCEDES-BENZ, RENAULT, SAAB, FORD
	<b>RAC8216</b>	A16- FITTING FOR JAGUAR, FORD, MAZDA
	<b>RAC8217</b>	A17-AUTOMATIC GEARBOX OIL CONNECTOR FOR FILLING FROM THE BOTTOM
	<b>RAC8218</b>	A18-FITTING FOR HYUNDAI, TOYOTA, KIA, MITSUBISHI, ISUZU

18 Adapters included in Base kit adapters KIT.ATF

	<b>RAC8219</b>	A19-FITTING FOR VOLVO
	<b>RAC8220</b>	A20-FITTING FOR FIAT, JEEP, LAND-ROVER
	<b>RAC8221</b>	A21-FITTING FOR TOYOTA, SUZUKI, MAZDA
	<b>RAC8222</b>	A22-FITTING FOR BMW, MINI, VOLVO
	<b>RAC8223</b>	A23-FITTING FOR FORD, RENAULT, PEUGEOT, VOLVO



ADAPTERS

	<b>RAC8224</b>	A24-FITTING FOR AUDI, BMW, JAGUAR, LAND-ROVER, ALFA ROMEO, JEEP, IVECO - ZF8HP
	<b>RAC8225</b>	A25-FITTING FOR CITROEN, PEUGEOT
	<b>RAC8226</b>	A26-FITTING FOR CITROEN, PEUGEOT, VOLKSWAGEN, FIAT DUCATO
	<b>RAC8227</b>	A27-FITTING FOR FORD, JEEP, DODGE
	<b>RAC8228</b>	A28-FITTING FOR GM
	<b>RAC8229</b>	A29-FITTING FOR AUDI, VOLKSWAGEN, PORSCHE, LEXUS, MITSUBISHI
	<b>RAC8230</b>	A30-FITTING FOR JEEP, MITSUBISHI, GM, SUZUKI, TOYOTA
	<b>RAC8231</b>	A31-FITTING FOR JEEP, FIAT, CHRYSLER, MERCEDES-BENZ, SUBARU
	<b>RAC8232</b>	A32-FITTING FOR MERCEDES-BENZ CLK, C, AMG
	<b>RAC8233</b>	A33-FITTING FOR BMW, JAGUAR
	<b>RAC8234</b>	A34-FITTING FOR GM, FIAT, FORD, JEEP, CHRYSLER VOYAGER, SAAB, MERCEDES ML
	<b>RAC8235</b>	A35-FITTING FOR FIAT, CITROEN, PEUGEOT, RENAULT
	<b>RAC8236</b>	A36-FITTING FOR MITSUBISHI PAJERO
	<b>RAC8237</b>	A37-FITTING FOR RENAULT, MITSUBISHI, NISSAN
	<b>RAC8238</b>	A38-FITTING FOR MERCEDES-BENZ, RENAULT
	<b>RAC8239</b>	A39-FITTING FOR PEUGEOT, CITROEN
	<b>RAC8240</b>	A40-FITTING FOR BMW X1
	<b>RAC8241</b>	A41-FITTING FOR PEUGEOT
	<b>RAC8242</b>	A42-FITTING FOR MAZDA
	<b>RAC8243</b>	A43-FITTING FOR FIAT-CITROEN- PEUGEOT
	<b>RAC8244</b>	A44-FITTING FOR PEUGEOT-BMW-MINI
	<b>RAC8245</b>	A45-FITTING FOR PEUGEOT-VOLVO
	<b>RAC8247</b>	A47-FITTING EAT8 PEUGEOT-CITROEN
	<b>RAC8248</b>	A48-FITTING FOR AISIN 8 MARCE - GA8F22AW BMW
	<b>RAC8249</b>	A49-FITTING FOR AISIN 8 MARCE - GA8F22AW VOLVO

CONNECTORS FOR OIL LEVEL

	<b>RAC9201</b>	ATF-101 FITTING FOR FORD 1/8-27 NPT
	<b>RAC9202</b>	ATF-102 FITTING FOR HONDA NISSAN
	<b>RAC9203</b>	ATF-103 FITTING FOR AUDI SKODA
	<b>RAC9204</b>	ATF-104 FITTING FOR AUDI PORSCHE
	<b>RAC9205</b>	ATF-105 FITTING FOR AUDI MINI COOPER M10X1.0
	<b>RAC9206</b>	ATF-106 FITTING FOR AUDI DSG M24X1,5
	<b>RAC9207</b>	ATF-107 FITTING FOR AUDI CVT M22X1,5
	<b>RAC9208</b>	ATF-108 FITTING FOR SKODA M18X1,5
	<b>RAC9209</b>	ATF-109 FITTING FOR MERCEDES M12X1,5
	<b>RAC9210</b>	ATF-110 FITTING FOR AUDI SKODA M30X1,5
	<b>RAC9211</b>	ATF-111 UNIVERSAL FLEXIBLE 300mm
	<b>RAC9212</b>	ATF-112 FITTING 5/16 -24 UNF
	<b>RAC9213</b>	ATF-113 FITTING FOR TOYOTA LEXUS M18X1,5
	<b>RAC9214</b>	ATF-114 FITTING FOR NISSAN INFINITY M18X1,0
	<b>RAC9215</b>	ATF-115 FITTING FOR VW PASSAT
	<b>RAC9216</b>	ATF-116 FITTING FOR NISSAN JUKE M12X1,25
	<b>RAC9217</b>	ATF-117 FITTING FOR MINI COOPER MITSUBISHI M14X1,5
	<b>RAC9218</b>	ATF-118 FITTING FOR NISSAN M10X1,75
	<b>RAC9219</b>	ATF-119 FITTING FOR GM M12X1,75
	<b>RAC9220</b>	ATF-120 FITTING FOR BENZ 725-9G
	<b>RAC9221</b>	ATF-121 FITTING FOR AUDI VW DSG

From A101 to A120 included in LEVELKIT-ATF

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