

The logo for ECOTECHNICS, featuring the brand name in a stylized, italicized font within a blue-bordered white box.

SIMPLY EFFICIENT

1995 - 2025

AIR CONDITIONING

EQUIPMENT FOR DIAGNOSIS, MAINTENANCE AND REPAIR OF AIR CONDITIONING SYSTEMS

AUTOMATIC TRANSMISSION FLUID

EQUIPMENT FOR CLEANING AND OIL REPLACEMENT OF AUTOMATIC GEARBOXES

EN

PRODUCT CATALOGUE
2025

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SIMPLY EFFICIENT

Statement

MADE FOR DAILY HEROES IN THE WORKSHOP

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

THE WORKSHOP IN FOCUS

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.

With the same thought, the company implemented its unique, effortless and comprehensive ATF program for cleaning and oil replacement of automatic transmissions.

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.

WE MAKE SOLUTIONS EFFICIENT

A professional program for A/C and ATF

AIR CONDITIONING EQUIPMENT

Any workshop is unique. The choice of suitable equipment must provide the service desired by respecting profitability and return of investment.

To meet perfectly workshop's needs, Ecotechnics designed 10 different A/C Stations. From high-end equipment for one or two refrigerants up to smart and convenient solutions.

Specifically designed for mobile use or the service on big systems are ECK LAND and ECK BUS PRO while the future oriented CO₂ refrigerant meets the best Premium solution ECO₂R744.

AIR CONDITIONING ACCESSORIES

ALL YOU NEED!

Ecotechnics offers all you need for a professional A/C Service: accessories, consumables, leak detection and items for regular maintenance.

The focused selection of only 3 of most popular PAG and POE standards of compressor oil and dye can cover more than 95% of market needs.

The Gas Analyser represents the best solution to manage the risk of contaminations, is easy to install, detects percentages of components and excludes possible contamination.

Many other highlights are remarkable as the diagnosis sight glass, the outstanding efficiency of the Flushing Kit or the "little helpers" as Swift couplers for extension to keep connections smart.

ATF PROGRAM

The unique ATF station incorporates the most competent workflow settings carefully crafted by experienced ATF specialists in terms of hardware and software.

With the desire to offer a range of adapters as great as the ATF station, Ecotechnics created the widest range of ATF adapters available individually or in recommended sets.

The ATF database contains more than 90% of all vehicle models manufactured from 2000 onwards. You can reach the database directly on the station, on the online platform or wherever you are with the ATF MOBILE APP.

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).

"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.

REFRIGERANT ANALYSIS

Manage 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 analyser can be installed.

The Gas Analyser represents a highly efficient solution with notable and distinctive advantages: the unit fits inside the station and does not take up external space, uses an external gas sample hose to exclude possible contamination of service hoses, detects the percentages of the different refrigerant components and is very easy to be installed in less than 20 minutes.

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.



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 undeleteable online services and information systems help to increase the profitability of the workshop.

Wi-Fi connection as a standard or optional feature has been implemented in the latest Ecotechnics A/C Stations. First features included 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.

Most recent Software update implements an important step forward in Ecotechnics connectivity evolution and offers highly useful benefits to the workshop. Cloud AC-Service.24 offers new possibilities of data transmission. Following main benefits for the workshop are implemented on actual Premium Stations (ATF MOOVETECH, ECK FLAG AND ECK 4012).

Software over the air

The connected station is not only able to send information to the management system but also to receive information such as the database or software updates. This becomes a highly efficient solution for the workshop. In addition to the use of USB, the new Wi-Fi connectivity enables software- or database updates over the air.

Remote assistance and maintenance

In case technical assistance is required for ordinary or extraordinary maintenance or repair, the new dimension of data transmission allows remote data access. The After Sales Service can perform interventions as diagnosis, control and adjust parameters or correct calibration parameters on distance. This keeps after sales service fast and cost saving.

Certification new refrigerant R-456A

According to recent market trends, we are pleased to inform that our A/C stations are certified for the new R-456A refrigerant. R-456A refrigerant was developed as an alternative to R-134a and is a blend of HFO and HFC, composed of R32 + R1234ze + R134a (6% + 49% + 45%) The main advantages are both the lower cost and greater environmental protection due to the lower global warm potential (GWP) of 687 instead of 1,430.

Fact sheet SCS

- The actual range of A/C Eco Units are certified with R456A starting 2023July.
- Certified Units will have the R456A on the CE label.
- Being the R456A a drop-in refrigerant, ACS24 will manage the R134A refrigerant as usual with no addition or exception.
- All certified Units will be activated with R134A as usual.
- Units using R456A must be labelled appropriately under the owner responsibility.
- Units working with R456A cannot have the KIT.GAS option installed.
- Homologations of A/C system manufacturers must be verified by the owner.
- SCS will not recognize any responsibility for misuse or damage related to using R456A with ECO Units.

Indication for distributors and workshops

- Any distributor and workshop is responsible to respect local regulation and legal obligations
- An already activated station working with R134a can be converted. Emptying, vacuum >20min, dryer filter substitution and labelling in prominent position are required.
- An A/C system charged with R456A has to be recognizable by a label in prominent position.
- Consumables as oils and dye compatible to HFO refrigerant are compatible to R-456A. Usually PAG46. SCS consumables range is compatible.
- Operating temperatures and pressures of R-456A are similar to R134a.
- Oil quantities recovered during a service are similar to R134a.

VISUAL DIAGNOSIS

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

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 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.



ECO₂ R744

POWERFUL
ROBUST
SAFE



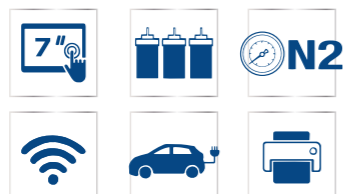
TOUCH THE FUTURE ORIENTED EXPERIENCE

ECO₂R744 has been developed for the specific safety and high-pressure requirements of R744 air conditioning systems. The device is distinguished by high-quality and powerful components, future-oriented standard features and extremely intuitive user friendliness via the 7" touchscreen.

Fully automatic air conditioning service unit for emptying, servicing and filling R744 air conditioning systems on car, truck and big systems as buses or trains

- Simple, fast and highly intuitive navigation on a 7" touchscreen with Linux operating system
Navigation is extremely easy through images, icons, short texts and the virtual keyboard
- Ready for use in 15 seconds after switching on
- Absolutely safe: software guided processes include all necessary control instructions and constant monitoring of the CO₂ concentration in the atmosphere
- Integrated Hybrid feature for the flushing of service hoses and internal circuits. Indispensable for the safe service on systems with an electric compressor
- Very powerful 142 l/min double-stage vacuum pump keep the station suitable for big systems, too (trains, buses) and guarantees a highly efficient vacuum phase for drying the system, particularly important for CO₂ systems
- Max. operating pressure 170 bar
- Heating system with manual setting option for extended heating speeds up filling process and helps to save time
- Management of 3 high-quality, hermetic, refillable containers for compressor oil (1x PAG and 1x POE) and dye
- Automatic pressure test with nitrogen or hydrogen/nitrogen mixture
- 3 m service hoses for a smart connection to the vehicle (longer hoses possible)
- Large pressure gauges 100 mm
- Easy changing of R744 tanks of different sizes, protection cover and fastening with Swift safety belt
- Possible refrigerant bottles: gross weight of up to 50 kg and a diameter up to 21 cm.
- 2 Connection adapters: RAC8164 (W21, 7x1/14" - 1/4 SAE male), RAC8165 (W21, 8x1/14" - 1/4 SAE male)
- Quick plug-in connection for CO₂ discharge hose (PA12 8x10 mm)
- Efficient internal ventilation against icing of internal components
- Online update via USB interface or directly in Wi-Fi connection
- Generous storage compartment for accessories
- Very robust structure for best protection of the station
- Service-friendly and cost-effective due to low maintenance needs
- Environmentally friendly packaging made of wood and paper without the use of polystyrene

STANDARD



Y1R744000000 ECO₂R744



Status Light
7" touchscreen
Safety switch



Quick couplers
SAE J639
Hybrid function



Nitrogen
pressure test



Strong Vacuum pump
142 l / min double stage



Holder for
storing the
service hoses



Protection
cover for
external tank



Double scale
lock easy to
reach



Swift safety
belt and
bottle heater



3 hermetic refillable containers
(1 x PAG, 1 x POE, 1 x dye)



Quick plug in
connection for CO₂
discharge hose



Used oil
container
500 ml



ECK FLAG

HIGH-END FOR THE
MODERN WORKSHOP



ECK FLAG is designed for different types of refrigerant. The standard features, Wi-Fi 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

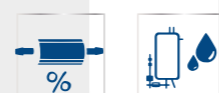
- Configuration of the refrigerant during activation with the corresponding R134a or HFO kit
- Large 7" touch screen display for an easy, fast and intuitive navigation
- Energy-saving with 12-volt solenoid valve technology
- Built-in Hybrid feature for the flushing of service hoses and internal circuits. 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
- Wi-Fi connection as standard
- Complete database including commercial and agricultural vehicles
- Status light

Y2F200000000	ECK FLAG
Y2FH00000000	Refrigerant Kit TOP HFO1234yf
Y2FR00000000	Refrigerant Kit TOP R134a
Y2FH00000001	Refrigerant Kit TOP HFO1234yf UK
Y2FR00000001	Refrigerant Kit TOP R134a UK

STANDARD



OPTION



7" Touch screen



Built-in hybrid feature and Nitrogen



Refrigerant Analyser



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
- Wi-Fi connection available on request
- Complete database including commercial and agricultural vehicles
- Automatic internal cylinder heater

Y3NP4000000	ECK NEXT PRO
Y2FH0000000	Refrigerant Kit TOP HFO1234yf
Y2FR0000000	Refrigerant Kit TOP R134a
Y2FH0000001	Refrigerant Kit TOP HFO1234yf UK
Y2FR0000001	Refrigerant Kit TOP R134a UK

STANDARD



OPTION



5" Touch screen



Large side pockets



2 Containers management hybrid function



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
- Wi-Fi connection available on request
- Complete database including commercial and agricultural vehicles

STANDARD



OPTION



Refrigerant configuration



Hybrid kit

Y2N200000000	ECK NEXT + printer
Y2NH000000000	Refrigerant Kit HFO1234yf
Y2NR000000000	Refrigerant Kit R134a
Y2NH000000001	Refrigerant Kit HFO1234yf UK
Y2NR000000001	Refrigerant Kit R134a UK





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
- Wi-Fi 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

K6T5A000000B

ECK TWIN 12

STANDARD



OPTION



7" Touch screen display



4 Hermetic containers



Wi-Fi connectivity

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
- Wi-Fi connection as standard
- Complete database including commercial and agricultural vehicles
- Status light
- The "agri" version of this model is equipped with 6 m service hoses and air filled wheels

STANDARD



OPTION



3 Containers management



Optional refrigerant analyser

Y1Q20000000	ECK 4012
Y1Q2000AG000	ECK 4012 agri
Y2FH00000000	Refrigerant Kit TOP HFO1234yf
Y2FR00000000	Refrigerant Kit TOP R134a
Y2FH00000001	Refrigerant Kit TOP HFO1234yf UK
Y2FR00000001	Refrigerant Kit TOP R134a UK



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
- Wi-Fi connection available on request
- Complete database including commercial and agricultural vehicles
- Automatic internal cylinder heater
- The "agri" version of this model is equipped with 6 m service hoses and air filled wheels

Y3P20000000	ECK 1900 PRO
Y3P2000KR000	ECK 1900 PRO agri
Y2FH00000000	Refrigerant Kit TOP HFO1234yf
Y2FR00000000	Refrigerant Kit TOP R134a
Y2FH00000001	Refrigerant Kit TOP HFO1234yf UK
Y2FR00000001	Refrigerant Kit TOP R134a UK

STANDARD



OPTION



2 Containers management



Integrated hybrid function



Refrigerant configuration



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.
- Wi-Fi connection available on request
- Complete database also including commercial and agricultural vehicles
- Thermal printer standard
- Front Panel available on request



Manual service valves



4,3" Touch screen display

Y3V20000000	Cinquecento12 + printer
Y3V201700000	Cinquecento12 + printer + front plastic cover
Y2NH00000000	Refrigerant Kit HFO1234yf
Y2NR00000000	Refrigerant Kit R134a
Y2NH00000001	Refrigerant Kit HFO1234yf UK
Y2NR00000001	Refrigerant Kit R134a UK

STANDARD



OPTION



ECK BUS-PRO

POWER FOR
LARGE SYSTEMS



STANDARD



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



Nitrogen pressure control



Gear pump

XK456A000051 ECK BUS PRO



ECK LAND

THE MOBILE STATION



STANDARD



OPTION

GRCAR01.13
Shipment
in disassembled kit



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



Practical handles



Printer

K5V2A000000A	ECK LAND
K5V2A000000H	ECK LAND HFO
GRCAR01.13	TROLLEY FOR ECK LAND

Approvals OEM:
JCB, CLAAS (France)



FEATURES	ECO ₂ R744	ECK TWIN 12	ECK FLAG / ECK 4012	ECK NEXT PRO / ECK 1900 PRO
Type of refrigerant	R744	R134a and HFO1234yf	HFO1234yf or R134a	HFO1234yf or R134a
Refrigerant configuration	Not applicable	Not available	Standard	Standard
Display	7" colour touchscreen	7" colour touchscreen	7" colour touchscreen	5" colour touchscreen
Service valves	Automatic	Automatic	Automatic	Manual
Thermal printer	Standard	Standard	Standard	Standard
Vacuum leak detection	Standard	Standard	Standard	Standard
Hybrid function / electrically driven compressors	Standard	Standard	Standard	Standard
Pressure test forming gas / nitrogen	Standard, max pressure 100 bar	Standard	Standard	Not available
Gas Analyser	Not applicable	Option	Option	Option
Flushing Kit	Not applicable	Option	Option	Option
Hermetic and refillable containers for oil and dye	Standard 2 + 1	Standard 2 + 2	Standard 2 + 1	Not available
Hermetic disposable containers for oil and dye	2 + 1	2 + 2	2 + 1	Standard 1 + 1
Refillable standard containers for oil and dye	Not available	Not available	Not available	Standard 1 + 1
Hoses	3 meters	2 pairs, 3 meters each	3 meters	3 meters
Quick couplers	SAE J639	Standard	Standard	Standard
Pressure gauges	100 ø mm	100 ø mm	100 ø mm	80 ø mm
Recharge method	CAR	CAR or automatic	CAR or automatic	CAR
CO2 measurement discharged	Standard	Not applicable	Not applicable	Not applicable
Safety Sensor environmental CO2 level	Standard	Not applicable	Not applicable	Not applicable
Non condensable gas purge	Not applicable	Automatic	Automatic	Manual
Volt	220-240V 50/60 Hz (CE), 110V 60Hz (ETL)	220-240V 50/60 Hz	220-240V 50/60 Hz	220-240V 50/60 Hz
Vacuum pump	142 l/min double stage, 3Pa/0,03 mbar	100 l/min, vacuum level 0,1 mbar	100 l/min, vacuum level 0,1 mbar	51 l/min, vacuum level 0,2 mbar
Sealed compressor	Not applicable	2 x 1/3 HP	1/3 HP	1/3 HP
Recovery speed	Not applicable	300 g/min in liquid phase	300 g/min in liquid phase	300 g/min in liquid phase
Refrigerant tank	No internal tank. Scale max gross weight 50 kg	2 x 12 liters refillable	12 liters refillable	12 liters refillable
Bottle heater	Standard with setting option for extended heating	Standard	Standard	Standard
Tank Scale resolution	10 gr	10 gr	10 gr	10 gr
Oil scale resolution	5 gr	5 gr	5 gr	5 gr
Working temperature range	10/48° C	11/49° C	11/49° C	11/49° C
Filter system	Not applicable	2 filters for humidity, 100 kg	1 filters for humidity, 100 kg	1 filters for humidity, 50 kg
Status light	Standard	Not available	Standard	Not available
Data Base	Base+custom records	Car - Truck - Agri	Car - Truck - Agri	Car - Truck - Agri
Connectivity Wi-Fi	Standard	Standard	Standard	Option
Dimension / weight	cm 67 x 88 x 110, 99 kg	67 x 65 x 107 cm, 122 kg	ECK FLAG 67 x 68 x 108 cm - 77 kg ECK 4012 55 x 60 x 110 cm - 90 kg ECK FLAG 76 x 70 x 125 cm - 95 kg ECK 4012 76 x 70 x 120 cm - 95 kg	ECK NEXT PRO 67 x 68 x 108 cm - 63 kg ECK 1900 PRO 55 x 60 x 110 cm - 80 kg ECK NEXT PRO 76 x 70 x 125 cm - 81 kg ECK 1900 PRO 76 x 70 x 125 cm - 90 kg
Dimension / weight with packaging	cm 73 x 110 x 135, 124 kg no double stacking	76 x 70 x 125 cm, 135 kg		

ECK NEXT	Cinquecento 12	ECK BUS PRO	ECK LAND
HFO1234yf or R134a	R134a or HFO1234yf	R134a	R134a or HFO1234yf
Standard	Standard	Not available	Not available
4,3" colour touchscreen	4,3" colour touchscreen	LCD alphanumeric 146 x 82,5 mm	LCD alphanumeric 98 x 39 mm
Manual	Manual	Manual	Manual
Standard	Standard	Standard	Standard
Standard	Non disponibile	Standard	Not available
Option	Option	Not available	Not available
Not available	Not available	Standard	Not available
Option	Not available	Not available	Not available
Option	Not available	Not available	Not available
Not available	Not available	Not available	Not available
Option 1	Option 1	Not available	Not available
Standard 1	Standard 1	Standard 1 + 1	Standard 1
3 meters	3 meters	6 meters	6 meters
Standard	Standard	Standard	Standard
80 ø mm	80 ø mm	80 ø mm	80 ø mm
CAR	CAR	CAR	CAR
Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable
Manual	Manual	Automatic	Manual
220-240V 50/60 Hz	220-240V 50/60 Hz	220-240V 50/60 Hz	220-240V 50/60 Hz
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
1/3 HP	1/3 HP	21 cc	1/3 HP
300 g/min in liquid phase	300 g/min in liquid phase	300 g/min in liquid phase	300 g/min in liquid phase
12 liters refillable	12 liters refillable	40 liters refillable	7 liters refillable
Not available	Not available	Not available	Standard
10 gr	10 gr	10 gr	10 gr
5 gr	-	5 gr	5 gr
11/49° C	11/49° C	11/49° C	11/49° C
1 filters for humidity, 50 kg	1 filters for humidity, 50 kg	2 filters for humidity, 150 kg	1 filters for humidity, 50 kg
Not available	Not available	Not available	Not available
Car - Truck - Agri	Car - Truck - Agri	Car - Truck - Agri	Car - Truck - Agri
Option	Option	Not available	Not available
67 x 68 x 108 cm - 63 kg	47 x 51 x 97 cm - 54 kg	80 x 84 x 115 cm - 127 kg	51 x 42 x 44 cm - 40 kg
76 x 70 x 125 cm - 77 kg	76 x 70 x 125 cm - 68 kg	91 x 72 x 126 cm - 137 kg	70 x 70 x 80 cm - 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.



KIT.GAS (HFO1234yf)
Gas analyzer



KIT.GAS (R134a)
Adapter for KIT.GAS



XS180.000000 (HFO)
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)

KIT. Wi-Fi-N Wi-Fi connectivity evo

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

The Wi-Fi 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.



AEK006-2 Starter Kit

The top recommendation for AC compressor oils and leak detection with UV light.



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.



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



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)

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 Wi-Fi	Pressure test forming gas / nitrogen	Refrigerant Configuration	Flushing Kit
Hermetic disposable containers	Hermetic and refillable containers	Refillable standard containers	Gas Analyser	Gas Identifier	Display



CONNECTOR 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 red hose 3 mt. tub2132 blu hose 3 mt. tub2122 red hose 6 mt. tub2136 blu hose 6 mt. tub2126	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 Cinuqecento12 ECK3900 Premium*	male 1/2 ACME	female. 1/2 ACME – male M14 x 1,5 red hose 3 mt. TUB2146 blu hose 3 mt. TUB2147 red hose 6 mt. TUB1148 blu hose 6 mt. TUB1149	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 red hose 6 mt. TUB1144 blu hose 6 mt. TUB1145	Quick coupler R134a 1/4 SAE Quick coupler HFO (female M12 x 1,5) AEK229A, AEK 229B: Adapter 1/4 SAE included

*HOSE LENGTH 3,8 METER; SEE SPARE PARTS LIST
(R134a: TUB2176 + TUB2177, HFO: TUB2133 + TUB2123)

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

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



SIMPLY EFFICIENT

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
- Sales unit = 6



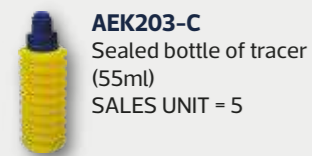
Top recommendation

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

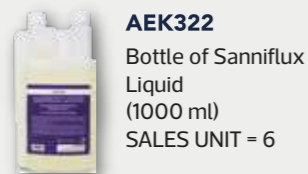
OIL PAG	100	AEK275	Oil bottle PAG100 - 250ml for R134a, HFO1234yf mechanical and electric compressor
		AEK275-N	Sealed oil cartridge PAG100 - 250ml for R134a, HFO1234yf mechanical and electric compressor
	46	AEK276	Oil bottle PAG46 - 250ml for HFO1234yf, R134a mechanical and electric compressor
		AEK276-N	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
AEK265-N	Sealed oil cartridge PAG100 - 250ml for R134a, HFO1234yf mechanical compressor
AEK281	Oil bottle PAG100 - 250ml for R134a and mechanical compressor
AEK283	AEK283 Oil bottle POE100 - 250ml for R134a and electric compressors



AEK203-C
Sealed bottle of tracer (55ml)
SALES UNIT = 5



AEK322
Bottle of Sanniflux Liquid (1000 ml)
SALES UNIT = 6



RAC8088
Adapter for previous dye cartridges

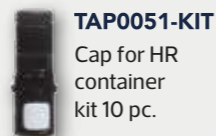


RAC9000
Adapter for previous oil cartridges



GRCNT16 GRCNT17 GRCNT18 GRCNT19

Refillable and hermetic container (260 ml)



TAP0051-KIT
Cap for HR container kit 10 pc.



STM0012-KIT
Thermal paper for printer kit 10 pc.

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	WITH NITROGEN HYDROGEN BOTTLE (attention on ADR class 2 for transport) Universal nitrogen leak detection kit with nitrogen hydrogen bottle (950ml) with quick couplers R134a and HFO
	AEK304S	WITHOUT NITROGEN HYDROGEN BOTTLE 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

Y1R744000000	ECO₂R744	Y2N200000000	ECK NEXT + printer
Y2F200000000	ECK FLAG	Y3V200000000	Cinquecento12 + printer
Y1Q200000000	ECK 4012	Y3V201700000	Cinquecento12 + printer + front plastic cover
Y1Q2000AG000	ECK 4012 agri	Y2NH000000000	Refrigerant Kit HFO1234yf
Y3NP400000000	ECK NEXT PRO HYBRID	Y2NR000000000	Refrigerant Kit R134a
Y3P2000000000	ECK 1900 PRO	Y2NH000000001	Refrigerant Kit HFO1234yf UK
Y3P2000KR000	ECK 1900 PRO agri	Y2NR000000001	Refrigerant Kit R134a UK
Y2FH000000000	Refrigerant Kit TOP HFO1234yf	K6T5A000000B	ECK TWIN 12
Y2FR000000000	Refrigerant Kit TOP R134a	XK456A0000051	ECK BUS PRO
Y2FH000000001	Refrigerant Kit TOP HFO1234yf UK	K5V2A000000A	ECK LAND
Y2FR000000001	Refrigerant Kit TOP R134a UK	K5V2A000000H	ECK LAND HFO



ATF MOOVETECH

UNIQUE, EFFORTLESS, COMPREHENSIVE

UNIQUE

Our station stands out as the ultimate choice in the market. By integrating automatic workflows, software-guided procedures, and comprehensive databank. Our dedication to robustness and resistance ensures minimal maintenance making our station truly exceptional.

EFFORTLESS

With its automatic and intuitive controls, it incorporates the most competent workflow settings, carefully crafted by experienced specialists. Users are seamlessly guided through all settings, ensuring an effortless and efficient experience.

COMPREHENSIVE

The Database contains more than 20.000 vehicles. Encompassing more than 90% of all vehicle models manufactured from 2000 onwards. With immediately available adapters, as well as those obtainable on request, we ensure a comprehensive coverage for all connections.



For automatic transmission cleaning and oil replacement

Smart-Drain system

This is the most comfortable, fast, safe and clean method to handle the used fluid. The recovered oil dripped from the pan is automatically weighed. The height of station's drain pan is adjustable. The asymmetrical shape adapts it to many different gearboxes.

2 large fine filters

Protect all internal components of the station, avoid the need of maintenance with high filtration capacity preventive filtration of the gearbox circuit during the cleaning phase. For both directions (1 and 2) a dedicated filter.

High performing Manifold

Strategic placement of compact valves and implementation of anti-pressure drop measure ensures the best performance. With Generous diameter and smooth passages for oil flow to prevent pressure drops resulting in increased speed and constant oil flow. This is particularly advantageous for large engine' d vehicles, sports, vintage and American cars.

Multi-brand new oil tank

New oil tank designed to easily accommodate different sizes and multi-brands.

Discharge used oil by compressed air

Clean, Easy, Fast: no pump necessary, no maintenance or repair. Using highly professional emptying operations we have eliminated any need to remove of the used oil tank making it cleaner, faster, and easier.

Third scale for cleaner

Highest accuracy and precision compared to other manufactures. Using a scale avoids the risk of the pump sucking air while injecting additive and removes the constant need to purge the pump.

High quality connectors

Anti-splash, anti-flap, easy to handle

Software: automatic and intuitive

Continuous total control software. During the whole process of cleaning, oil replacement and substitution of pan and/or filter, the software workflow never requires running engine in critical moments. The navigation is intuitive. The user is perfectly guided. Most suitable parameters are recommended but not mandatory and the user is always free to define preferred service settings.

Database

ATF-Service24 is the access platform for the on-line ATF Database to help you get the most out of your machine. The data base is constantly updated and provides information on the connection, the suitable adapter, procedures, filters, levels, components and safety information. You can reach the uploaded database directly on the ATF station, on the online platform or, wherever you are, with the ATF MOBILE APP.

ATF mobile app

ATF-connection wherever you are! Be always informed on real time status of your ATF station, keep research for suitable ATF adapters smart and keep in touch with the know-how of our ATF specialists.



ATF Moovetech – Complete technical sheet

Name - Description	ATF MOOVETECH
Certifications	CE
Display	Touchscreen 7"
Connectivity Wi-Fi	Standard
Mobile App (Ios, Android)	Standard
Software update	USB Flash Drive or Wi-Fi
Type of service	Automatic
Detection of flow direction	Automatic
Cross-contamination	Completely prevented
Self cleaning	Yes, automatic priming function before each oil type change
Service valves for oil change	Automatic
Used oil emptying valve	Manual
Used oil container	Fixed steel container, 25 liters
New oil container	Removable plastic canister, 20 liters
New and used oil scale resolution	5 gr, 2 load cell
Additive container	2 liters
Additive scale resolution	5 gr
Additive injection	Automatic
Bowl for carter oil recovery	Smart-Drain system
Oil filtering	2x ultra-fine filters
Pump	High flow rate pump (up to 9 l/min)
Discharge used oil	Easy emptying with compressed air
Service hoses	2 x 3 meters
Hose for emptying used oil	1,5 meters
Top-up	From canister or small bottles
Oil quality indicator	By transparent illuminated tubes
Thermal printer	Standard
Database	Local and on-line platform
Languages	27 languages
Voltage	220-240 V, 50/60 Hz
Power cord cable	Locking plug as standard
Working ambient temperature range	5 - 55 °C / 10-95% humidity
Dimensions	72 x 73 x 108 cm - 80 kg
Dimensions with packaging	76 x 70 x 137 cm - 95 kg

Part Number

Y1ATF0000000	ATF MOOVETECH
LEVELKIT-ATF	OIL LEVEL CONNECTORS
DB.ATF-LICENSE	LOCAL DATABASE UPDATE + WEB LICENSE
CNT0031	NEW CANISTER 20 liters
FLT.ATF.1000	2 x FILTER CARTRIDGE
KIT.ATF	ATF BASE KIT ADAPTERS
KIT.ATF.ADV	ATF ADVANCED KIT ADAPTERS
ATF.CASE	STORAGE SUITCASE FOR ADAPTERS



DB.ATF-LICENSE



CNT0031



FLT.ATF.1000



KIT.ATF.ADV



ATF.CASE





The adapters range

With the desire to create a range of adapters as great and unique as the ATF machine, we created the most focused range of ATF adapters to best suit the European vehicle parc. For now, the range has grown to 76 adapters and 21 oil lever connectors. Work in constant progress to complete best possible coverage.

















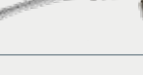

Further to individual availability of all adapters for replacement and beyond adapter kits, specific adapter selections have been created to match workshops specific vehicle mix and volume. Adapter kits support workshops in their competent purchase and keep marketability of the adapter range easier.





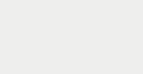
Adapters of ATF BASE KIT and ATF ADVANCED KIT are delivered in the specific suitcase. For practical use and storage in the workshop of all other suggested ranges (Professional 1 or 2), is available also an empty Adapter Suitcase. Different sizes of compartments suits to the whole range of adapters.

Adapter's range




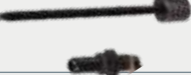














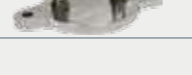
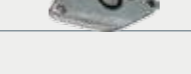
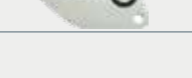


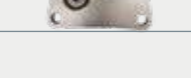

	KIT.ATF ATF BASE KIT ADAPTERS (18 adapters) This basis kit covers most popular vehicles and is essential to start. The range is a perfect ATF starting point and provides a great package for the most popular automatic vehicles in Europe requiring ATF service.
	KIT.ATF.ADV ATF ADVANCED KIT ADAPTERS (18 adapters) Advanced kit to compliment the coverage of the basis kit. Enhancing the core coverage for vehicle routinely presented into all brand aftermarket workshops
	SUGGESTION "PROFESSIONAL 1" Recommended adapter selection for more specialistic ATF service. Focusing on less common northern European vehicles focused on central north manufacturers as VW, Mercedes, BMW and Volvo vehicle applications
	SUGGESTION "PROFESSIONAL 2" Recommended adapter selection for more specialistic ATF service. Focusing on less common European manufacturers Renault, PSA group and FCA group vehicle applications.

Adapters

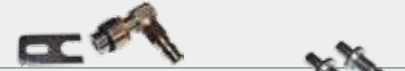


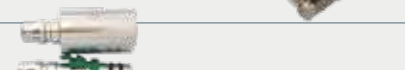
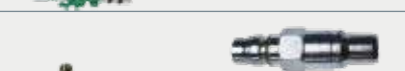

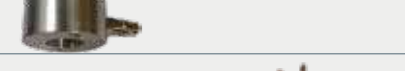



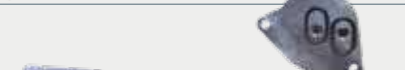
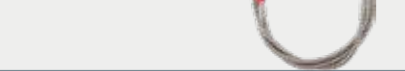
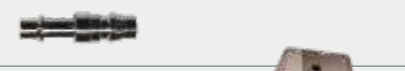

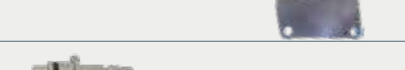
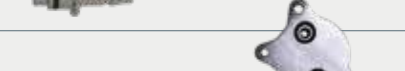

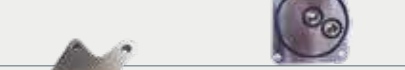



	RAC8201	A1 - 5 SPEED ZF - JAGUAR, MERCEDES-BENZ, MITSUBISHI & SSANGYONG
	RAC8202	A2 - MULTIPLE ZF - JAGUAR, MERCEDES-BENZ, SSANGYONG
	RAC8203	A3 - AISIN - JEEP, FIAT, ALFA ROMEO, OPEL, CITROEN
	RAC8204	A4 - DSG AUDI, VOLKSWAGEN, SKODA
	RAC8205	A5 - MULTIPLE - AUDI, VOLKSWAGEN, JEEP
	RAC8206	A6 - MULTIPLE - AUDI, PORSCHE, OPEL, SUBARU, MAZDA, CITROEN, RENAULT, ALFA ROMEO & LANCIA
	RAC8207	A7 - MULTIPLE - AUDI
	RAC8208	A8 - AUDI, MERCEDES-BENZ, MITSUBISHI
	RAC8209	A9 - ZF - MERCEDES-BENZ, BMW, RENAULT, SAAB, FORD, RANGE-ROVER, JAGUAR
	RAC8210	10 - VOLVO
	RAC8211	A11 - GM
	RAC8212	A12 - JEEP, DODGE, OPEL, GM 4 SPEED
	RAC8213	A13 - JEEP 5 SPEED
	RAC8214	A14 - SET OF 4 UNIVERSAL RUBBER EXTENSIONS (8,10,13,15mm)
	RAC8215	A15 - BMW, VOLVO, AUDI, MERCEDES-BENZ, RENAULT, SAAB, FORD & JLR
	RAC8216	A16 - JAGUAR, FORD, MAZDA & MULTIPLE LAND ROVERS
	RAC8217	A17 - AUTOMATIC GEARBOX OIL CONNECTOR FOR FILLING FROM THE BOTTOM
	RAC8218	A18 - STEPPED RUBBER HOSE CONNECTIONS Inc HYUNDAI, KIA, TOYOTA, LEXUS, MITSUBISHI, ISUZU & LAND ROVER
18 Adapters included in Base kit adapters KIT.ATF		

	RAC8219	A19 - VOLVO - THERMOSTAT BYPASS
	RAC8220	A20 - FIAT, JEEP, LAND-ROVER
	RAC8221	A21 - TOYOTA, SUZUKI, MAZDA
	RAC8222	A22 - AISIN - BMW, MINI, VOLVO
	RAC8223	A23 - POWERSHIFT - FORD, RENAULT, PEUGEOT, VOLVO

Adapters

	RAC8224	A24 - ZF8HP - AUDI, BMW, JAGUAR, LAND-ROVER, ALFA ROMEO, JEEP, IVECO
	RAC8225	A25 - CITROEN, PEUGEOT
	RAC8226	A26 - CITROEN, PEUGEOT, VOLKSWAGEN, FIAT DUCATO
	RAC8227	A27 - DIPSTICK - FORD, JEEP, DODGE
	RAC8228	A28 - GM & OPEL
	RAC8229	A29 - AISIN & ZF - AUDI, VOLKSWAGEN, PORSCHE, LEXUS, MITSUBISHI
	RAC8230	A30 - MERCEDES-BENZ GLK, JEEP, MITSUBISHI, GM, SUZUKI, TOYOTA
	RAC8231	A31 - JEEP, FIAT, CHRYSLER, MERCEDES-BENZ, SUBARU
	RAC8232	A32 - 5 SPEED ZF - MERCEDES-BENZ CLK, C, AMG
	RAC8233	A33 - BMW, JAGUAR
	RAC8234	A34 - GM, FIAT, FORD, JEEP, CHRYSLER VOYAGER, SAAB, MERCEDES ML
	RAC8235	A35 - 4 SPEED - FIAT, CITROEN, PEUGEOT, RENAULT
	RAC8236	A36 - 4 SPEED - MITSUBISHI PAJERO & SHOGUN
	RAC8237	A37 - RENAULT, MITSUBISHI, NISSAN
	RAC8238	A38 - MERCEDES-BENZ, RENAULT - DSG
	RAC8239	A39 - AISIN - PEUGEOT, CITROEN
	RAC8240	A40 - BMW X1
	RAC8241	A41 - AISIN - PEUGEOT
	RAC8242	A42 - 6 SPEED - MAZDA
	RAC8243	A43 - AISIN - FIAT, CITROEN, PEUGEOT
	RAC8244	A44 - PEUGEOT, BMW, MINI
	RAC8245	A45 - AISIN - PEUGEOT, VOLVO
	RAC8247	A47 - FITTING EAT8 PEUGEOT, CITROEN
	RAC8248	A48 - AISIN 8 SPEED - GA8F22AW BMW
	RAC8249	A49 - AISIN 8 SPEED - GA8F22AW VOLVO

Adapters

	RAC8250	A50 - BMW 8 SPEED (D18 mm) (ZF) - 'X' RANGE VEHICLES
	RAC8251	A51 - VOLKSWAGEN, AUDI, MITSUBISHI (ZF)
	RAC8252	A52 - AUDI (Q7/A8), BMW (ZF / CVT)
	RAC8253	A53 - QUICK COUPLER 90° (2 pcs) - UNIVERSAL
	RAC8254	A54 - VOLVO (AISIN)
	RAC8255	A55 - MERCEDES, JEEP, FIAT (ZF 9 Gtronic)
	RAC8256	A56 - AUDI (CVT)
	RAC8257	A57 - AUDI A8 (ZF)
	RAC8258	A58 - AUDI (DSG 7-Speed)
	RAC8259	A59 - LAND ROVER, VOLVO (ZF)
	RAC8260	A60 - BMW 8 SPEED ZF8HP
	RAC8261	A61 - 722.6 MERCEDES
	RAC8262	A62 - General use hoses for DTM Stardiesel connections
	RAC8263	A63 - General use hoses for DTM Stardiesel connections
	RAC8264	A64 - AUDI, OAW Type Transmissions
	RAC8265	A65 - BMW X1/X2, MINI, PEUGEOT 508 (AISIN)
	RAC8266	A66 - RENAULT
	RAC8267	A67 - Oil Level Dipstick for MERCEDES BENZ, CHRYSLER
	RAC8268	A68 - JEEP FREEMONT
	RAC8269	A69 - RENAULT LAGUNA III, ESPACE IV
	RAC8270	A70 - NISSAN JUKE (2011 - 2014)
	RAC8271	A71 - NISSAN JUKE (2014 - 2019)
	RAC8272	A72 - AUDI, PORSCHE, VOLKSWAGEN (7-Speed)
	RAC8273	A73 - TOYOTA COROLLA K311-K313
	RAC8274	A74 - VOLVO
	RAC8275	A75 - NISSAN RENAULT
	RAC8276	A76 - BMW X2, MINI, LAND ROVER (GEARBOX GA8G45W)
	RAC8277	A77 - MINI, SUZUKI (90 mm) - VW, CITROEN, MINI, RENAULT, LANCIA (110 mm) - PEUGEOT & CITROEN (130 mm)

Connectors for oil level

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

From A101 to A120 included in LEVELKIT-ATF

Please visit the ATF MOOVETECH presentation on-line to find constantly updated range as most recent new adapters or connectors.

Visit www.ecotechnics.com on ATF MOOVETECH page or read following QR code.



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