

MULLER
AUTOMOTIVE



Range **ECK**

Refill station



MULLER AUTOMOTIVE
Tél : (+33).02.37.33.34.00
E-mail: adv@mullerautomotive.fr

Site de Chartres - Jardin d'Entreprises
8, rue Réaumur
28000 Chartres

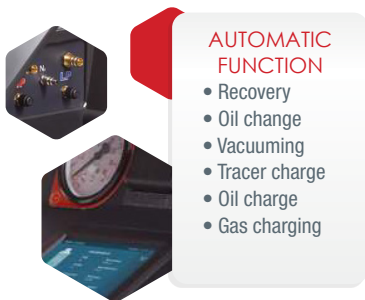
ECK NEXT PRO

R134a or HFO1234yf



The ECK NEXT station offers excellent value for money: it is very easy to use with its 5» touch screen and upgradeable options; the machine can be configured to meet the most specific needs or future requirements.

Upgrading with the optional gas analyser detects the different components of the refrigerant and the result provides information on their percentage. In addition, the analyser also offers the advantage of being a separate device (no contamination of the station), is perfectly integrated inside the station and does not take up any external space. The hybrid kit and Wi-Fi connectivity complete the key options of this station.



AUTOMATIC FUNCTION

- Recovery
- Oil change
- Vacuuming
- Tracer charge
- Oil charge
- Gas charging

STANDARD CHARACTERISTICS :

- Fully automatic cycle.
- Alarm service
- Refrigerant management: the station integrates a simplified program for managing regulatory fluids
- Automatic leakage control during the vacuum phase.
- Automatic internal bottle filling.
- Internal distribution unit, patented and optimised for greater efficiency and reliability.
- Advanced integrated data base that allows the user to enter new vehicle models.
- Thermal printer for a complete report of the operations performed by the machine.
- Regulatory fluid management program with «Gestref» transfer interface.

ECK FLAG

R134a or HFO1234yf



The ECK FLAG station represents the most modern expression of Ecotechnics' expertise and introduces WIFI to the Ecotechnics product range. The menu navigation is intuitive, professional, simple and designed for quick work with the machine. The 7" colour touch screen offers an exceptional user experience. It is equipped with the hybrid function as standard, and with a leak check of the pressurised A/C system with nitrogen.



AUTOMATIC FUNCTION

- Recovery
- Oil change
- Vacuuming
- Tracer charge
- Oil charge
- Gas charging

ADDITIONAL CHARACTERISTICS :

- Leak test function with AZOTE
- Automatic venting
- Automatic HP and LP opening and closing
- Automatic purging of non-condensable gases from the cylinder
- High Precision Technology to SAE J2788 and SAE J2843
- Patented, hermetically sealed, refillable tracer and oil bottles
- Hermetically sealed tracer and oil cartridges included
- Pre-equipped for nitrogen pressure testing
- Regulatory fluid management program with "Gestref" transfer interface.

ECKTWIN-PRO

R134a and HFO1234yf



AUTOMATIC TWO-GAS STATION FOR REFRIGERANT RECOVERY, RECYCLING AND REFILLING

Super automatic station to recover, recycle and recharge independently R134a and R1234yf refrigerants. The ECKTWIN-PRO allows you to carry out the operations related to the air conditioning system of the entire current and future vehicle fleet at a lower cost (2 stations in 1) and its compact design allows you to preserve workshop space.

Unique and practical, you control the station thanks to its new touch screen, which increases user comfort. Easy and intuitive to use, you can access all functions naturally. After the selection of the vehicle, it manages in a completely automatic way. The opening and closing of the high and low pressure valves are managed automatically in order to avoid wrong manipulations.

CHARACTERISTICS:

- Hybrid and electric vehicle function
- Leak detection function with nitrogen
- Large 7" colour touch screen 2 independent circuits R134a and R1234yf
- Patented, totally sealed service connections
- No risk of pollution as 2 independent circuits:
 - - 4 independent circuits for "oils" and "tracers"
 - - 2 sets of HP/BP pressure gauges
 - - 2 compressors
- Instant changeover from one refrigerant to another
- Automatically managed opening and closing of HP/BP valves
- Data bank for cars, trucks and vans
- Simplified fluid management program
- Fully automatic or manual service procedures
- Automatic leakage control during the vacuum phase
- Automatic filling of internal cylinders
- Automatic purging of non-condensable gases from internal cylinders
- Easy filter replacement with service alarm
- Large volume air extractor for total safety
- Refrigerant management for easy creation of personal archives
- Memory of the last 200 transactions with possibility of printing, transfer to PC or USB key
- Operator code for assigning a password
- Integrated vehicle and user data bank



AUTOMATIC FUNCTION

- Recovery
- Oil change
- Vacuuming
- Tracer charge
- Oil charge
- Gas charging

ECKBUSPRO

R134a

SUPER AUTOMATIC STATION FOR THE RECOVERY, RECYCLING AND RECHARGING OF R134A REFRIGERANT IN BUS/CAR AND INDUSTRIAL VEHICLES.

Automatic leak detection The station checks the pressures during the vacuum phase. If a leak is detected, the cycle is interrupted and an alarm is triggered.

Automatic discharge of non-condensable gases based on temperature and pressure sensors



AUTOMATIC FUNCTION

- Recovery
- Oil change
- Vacuuming
- Tracer charge
- Oil charge
- Gas charging



CHARACTERISTICS:

- Vacuum pump 170 l/min
- Gear pump 1 kg/min for faster filling
- 40 l bottle Database for LV / HGV / BUS / CAR / Agricultural
- 6m HP/BP hoses Hermetic or refillable bottles
- Heated belt for gas bottle Easy to lock
- Leak detection with integrated nitrogen Printer

TECHNICAL DATA	ECK NEXT PRO	ECK FLAG	ECKTWIN-PRO	ECKBUSPRO
Refrigerant management (archiving)	Yes	Yes	Yes	Yes
Operator code	Yes(1)	Yes(4)	Yes	-
Leakage control	No	Yes	Yes	Yes
Software for automatic washing	Option	Option	Yes	Yes
Visual alarm	No	Yes	No	No
Automatic internal bottle refilling	Yes	Yes	Yes	Yes
Patented internal distribution unit	Yes	Yes	Yes	Yes
Kit Hybride	Yes	Yes	Yes	No
USB Port	Yes	Yes	Yes	Yes
Wi-Fi connectivity	Option	Yes	No	No
Automatic purge	No	Yes	No	Yes
SAE J2788 and SAE J2843 compliance	Yes	Yes	Yes	Yes
Integrated database for cars, vans and trucks	Yes	Yes	Yes	Yes
Printer	Yes	Yes	Yes	Yes
Balance resolution	10 g	10 g	10 g	10 g
Resolution oil balance	5 g	5 g	5 g	5 g
Operating temperature range	11/49°C	11/49°C	11/49°C	11/49°C
Vacuum pump (0.1 mbar)	51 L/min	100 L/min	100L/min	170L/min
Hermetic compressor	1/3 HP	1/3 HP	2x 1/3 HP	21 cc high pressure
Recovery speed	300 g/min in liquid phase	300 g/min in liquid phase	300 g / min in liquid phase	1000 g / min in liquid phase
Internal coolant bottle	12 liters refillable	12 liters refillable	2 x 12 liters	40 liters
BP/HP hoses	3 meters	3 meters	2 x 3 meters	6 meters
Pressure gauges	Classe 1	Classe 1	Classe 1	Classe 1
Cylinder pressure gauge	Digital	Digital	Digital	Digital
Display	Tactile color 5"	Tactile color 7"	Tactile color 7"	LCD



Telephone support

We support you on a daily basis in the technical assistance, the use, or the troubleshooting of your products.



Service contracts

For a machine that is always in perfect working order, think of preventive maintenance contracts or take out an extended warranty for maximum peace of mind.