

NEW
HIGH-RESOLUTION DISPLAY

6000 eco 1234

EASY TYPE
GAS R-1234yf

The easiest A/C solution among the top performers.

It has been designed to meet the needs of professionals looking for the best performance, the easiest way.



DISCOVER ON **YouTube**
WWW.YOUTUBE.COM/MKTGBRAINBEE

BEST PERFORMANCE. OUTPERFORMING ASSET

With **6000 ECO 1234** you can bring all "Made in Brain Bee" cutting edge technology to your garage with a very high value for money. It takes advantage of Brain Bee R&D achievements on top level A/C stations while optimizing its architecture and functions to become a **minimal, compact and user-friendly station**.

Extremely versatile, compact in size and light in weight, **6000 ECO 1234** is the ideal partner in your garage, **either as your main A/C station or as an additional station**: its features assure you stay productive everywhere.

READY FOR INSTALLATION OF **GAS 1234yf IDENTIFIER**

EVERYTHING UNDER CONTROL

6000 ECO 1234 has been designed so as to make it extremely easy to handle and store. Just 65 Kg, it is therefore highly manoeuvrable. Its wheels have been specifically designed to let the station spin around its main axis and make it very easy to move around where space is a limited resource. The (routine and extraordinary) maintenance strategy of **6000 ECO 1234** has been inspired by the same concept of the overall design: ease of use and operation.

All parts and components subjected to wear and needing regular maintenance

(e.g. the dryer filter – the replacement of which depends on the number of recharge services performed in the garage) have been placed so to be very easily reachable and accessible by non-experts technicians too, therefore minimizing the machine downtime costs and ensuring **6000 ECO 1234** uninterrupted and steady performance.

Taps have been replaced by the same highly effective and efficient automatic flow regulating system that equips the high-end A/C stations to assure the smoothest, fastest and easiest recharge operations.

AIR PURGE SYSTEM TOTAL AUTOMATIC NON-CONDENSABLES CONTROL

AIR PURGE SYSTEM is the new exclusive function by BRAIN BEE, **present throughout the whole range**, that helps the operator **knowingly manage the discharge of non-condensable gases**, replacing the traditional manual check performed using the vessel pressure gauge.

ADVANTAGE: Through the special software, discharge of non-condensable gases is only proposed when actually required. The operator can always decide when to perform the operation, always keeping full control over the Station.

OIL CLEAN NO MORE WASTE

Often hindered by environmental factors (e.g.: temperature), failure to eliminate residual oil in the station will jeopardize the accuracy of the following charge, causing **waste** (of new oil) and **ineffective results**.

Thanks to the **OIL CLEAN** function, **6000 ECO 1234** can force recovered oil discharge in the final phase, **allowing to save gas** (normally used by traditional technology to ease oil discharge).

ADVANTAGE: OIL CLEAN allows maintaining your recharge station **top efficiency**.

Calculation of the new oil quantity to be injected into the vehicle will always be extremely **accurate**, from the first to very last charge of the day, regardless of the environmental conditions.



100% RECHARGE

SUPER CHARGE exploits the station operation to obtain the same condition that would otherwise be created by means of vessel heating systems. And results are **even remarkably better!**

ADVANTAGE: Under any climatic condition, refrigerant recovery from a vehicle is perfect, complete and always guaranteed. The following recharge will hence take less time, **without any additional support function**, and will thus result in reduced power consumptions.



HPV VACUUM BEYOND COMPARE

As the other BRAIN BEE stations, **6000 ECO 1234** is equipped with an **HPV - High Performance Vacuum Pump**, ensuring undoubted performance.

Even in comparison with larger capacity pumps, the **HPV PUMP** is still the winner: both in the first recharge of the day ("idle" condition), and in case of pump oil already "degassed", typical of an A/C station that has been running for several minutes, the HPV PUMP **reaches the best vacuum level more rapidly** (4 minutes earlier than a double-capacity pump); furthermore, after the first 20 minutes of vacuum, **it even reaches a lower vacuum level, thus ensuring improved operating efficiency**.

ADVANTAGE: The **HPV PUMP** can reach better vacuum levels **earlier**, ensuring **performance and efficiency** when recovering refrigerant from the vehicle.



LONG LIFE PUMP

LONG LIFE PUMP (patent) is the special function allowing an extension of up to **1.000 hours** of the average life of the pump oil used in the station.

It can be activated when the station is not used, and allows for the automatic execution of a cycle of oil regeneration. Oil is hence purified and has a longer life cycle, thus **reducing operating costs**.

DATABASE

6000 ECO 1234 is equipped with the most comprehensive **database for R1234yf** on the market, which can be easily updated via **USP PORT**.

With unlimited validity, it automatically provides for the specific recharge parameters for the vehicle being serviced. All the phases of the planned service are thus optimized and top performance is guaranteed.



ECO LOCK® COUPLERS

6000 ECO 1234 is equipped with **ECO LOCK®** quick couplers, **BRAIN BEE PATENT**, allowing for the reduction of gas quantities, safeguarding of operators' safety and providing a **strong contribution for the protection of the environment**.

Its operation allows preventing the typical 'puff' effect, that is to say dispersion of refrigerant in the environment that usually occurs during the detachment of recharge hoses from the vehicle circuit.

PRINTER

6000 ECO 1234 can be accessorized with a printer (option, with specific KIT)

TECHNICAL FEATURES

GAS TYPE	R-1234YF
DISPLAY	GRAPHIC MONOCHROME
PRINTER	OPTIONAL
SOFTWARE UPDATE	USB
VESSEL LEVEL MEASUREMENT	ELECTRONIC SCALE
MAX OPERATING PRESSURE PE	20 BAR
PED CATEGORY	II
CLIMA DATABASE - CARS ONLY	✓ R-1234YF
DRAIN OIL CONTAINER	250 ML
PAG INJECTION OIL CONTAINER	250 ML
POE INJECTION OIL CONTAINER	OPTIONAL (HYBRID KIT)
UV DYE CONTAINER	-
OIL CARE VALVE (NEW PAG OIL CONTAINER)	✓
VACUUM LEVEL	0,02 MBAR
COMPRESSOR	8 CC
PRESSURE SAFETY SWITCH	✓
DEHYDRATING FILTER CAPACITY (RECOVERED REFRIGERANT)	27 KG
NON-CONDENSING VENT VALVE	AUTOMATIC, ELECTRONIC
HP AND LP TAPS	AUTOMATIC
FILLING HOSES LENGTH	3 M
HP AND LP	ANALOG 80 MM PULSE-FREE
ECO LOCK	PATENTED ✓
INTERIOR + EXTERIOR FLUSHING (W/KIT)	✓ (*)
INTERIOR + EXTERIOR FLUSHING VAS (W/KIT)	-
VESSEL HEATER FUNCTION	PATENTED ✓ SUPER CHARGE
AIR PURGE SYSTEM FUNCTION	✓
OIL CLEAN	✓
HPV PUMP	✓
MULTIPASS FUNCTION	✓
UV TRACER FUNCTION	-
HYBRID FUNCTION	✓ (*)
LONG LIFE PUMP	PATENTED ✓
POWER SUPPLY	230 V - 50HZ - 800 W

(*) W/ OPZIONAL KIT

SPECIAL FUNCTIONS

AIR PURGE SYSTEM

SUPER CHARGE

OIL CLEAN

POMPA HPV

LONG LIFE PUMP

ECO LOCK®

MULTIPASS enables additional closed circuit filtering of the recovered cooling fluid

FLUSHING (with OPTIONAL kit)

HYBRID FUNCTION (con OPTIONAL kit). With this function, residual oil within the station can be completely replaced, with a view to preventing contamination between the oils used on traditional engine vehicles and those specifically used on hybrid or vehicles.

Air-tight OIL CARE CONTAINERS, preventing contact with air

UV TRACER

NON-CONDENSING VENT VALVE (automatic, electrically-controlled), it lets any air still present in the pipes to be expelled, thus speeding up the recovery phase and ensuring greater purity of vessel refrigerant

MADE IN BRAIN BEE all components and manufacturing are exclusively of European origin

Overall dimensions: 617 x 532 x 957 mm (WxDxH)

Weight: 65 kg

Recharge vessel: 12 l

OPTIONS

- HYBRID FUNCTION KIT
- FLUSHING KIT

- PRINTER
- REFRIGERANT GAS IDENTIFIER



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