

**NEW INTERFACE WITH BUILT-IN
ANALOG PRESSURE GAUGES**

MULTIGAS 9000 PLUS

**NEW
FUNCTION 2015**

**AIR
PURGE
SYSTEM**

**DOUBLE USE
GAS R-134a
GAS R-1234yf**



The recharge station built for the **future technology** but equipped to handle today's A/C requirements as well. The best of Brain Bee technology for a top performance working tool.

A STATION WITH **DOUBLE LIFE**

Brain Bee is taking you into the future starting from today. **MULTIGAS 9000 PLUS** is indeed the **dual-use station**.

You can use **it right now** to recharge systems employing gas R-134a.

And thanks to its advanced **BRAIN BEE 1234 TECHNOLOGY** design, the **MULTIGAS 9000 PLUS** can be easily converted from R-134a to R-1234yf if required in the future using the special **TRANSFORMATION KIT** (optional) thus getting a double return on your original investment.

READY FOR INSTALLATION OF GAS 1234yf IDENTIFIER

ALTA TECNOLOGIA AL TUO SERVIZIO

MULTIGAS 9000 PLUS has been designed to deliver a **complete automatic recharge procedure**. Every function regarding maintenance, cleaning, gas recovery and system recharge is performed by the station's powerful control software and requires no operator input while the procedure is carried out. This leaves the operator free to optimize his time by attending to other chargeable repairs and increasing the workshop efficiency and decrease costs.

MULTIGAS 9000 PLUS PLUS is now equipped with analog pressure gauges. This way user interface is so very familiar and intuitive to use.

AIR PURGE SYSTEM **NEW! 2015** **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, **MULTIGAS 9000 PLUS** 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.

The heart of **MULTIGAS 9000 PLUS** is its **LCD user-interface display**. Simple and intuitive, the touch screen displays all the operating functions which can be activated in a quick and precise manner. Furthermore, the clarity of the display ensures good visibility in almost all lighting conditions.

All serviceable parts and components in the **MULTIGAS 9000 PLUS** are easily accessible and located in a position that allows for **fast replacement**.

Recharge hoses too have been equipped with **external quick couplers** so that you don't have to open the station in case of replacement.



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, **MULTIGAS 9000 PLUS** 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.



THE ALLY OF AGRICULTURAL MACHINES

MULTIGAS 9000 PLUS can be integrated with the new **AGRI&WORK FUNCTION** (option). Ideal for the management of **agricultural and earth-moving machinery**, this feature requires the activation of the special **AGRI & WORK FUNCTION** and the use of the **CLIMA AGRI DATABASE**.

These two allow to manage, via software, a combined series of gas recovery and injection phases, which are synchronized to achieve the **best charge level**.



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

MULTIGAS 9000 PLUS is equipped with the most comprehensive **database for R134a & R1234yf** on the market, which can be easily updated via USB 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.

ADVANTAGE: the function allows achieving the top efficiency, without any waste, under any A/C recharge condition, **even on work machinery for which the gas charge quantity is not known beforehand**.



ECO LOCK® COUPLERS

MULTIGAS 9000 PLUS 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

MULTIGAS 9000 PLUS is equipped with a printer to print service reports.



N-LEAK TEST (LEAK TEST WITH NITROGEN)

The whole **BRAIN BEE CLIMA LINE** is now equipped with the **N-LEAK TEST** function. Usually available on **TOP RANGE** models only, this function can be easily activated on **MULTIGAS 9000 PLUS** as well, with the specific **KIT (OPTION)**, allowing the execution of **LEAK TESTS** when the A/C system is under pressure conditions.

TECHNICAL FEATURES

| | |
|---|--|
| GAS TYPE | R-134A / R-1234YF |
| DISPLAY | GRAFIC 4,3", 480x272 (WIDESCREEN) 65536 COLOURS - TOUCH |
| PRINTER | ✓ |
| SOFTWARE UPDATE | USB |
| VESSEL LEVEL MEASUREMENT | ELECTRONIC SCALE |
| MAX OPERATING PRESSURE PE | 20 BAR |
| PED CATEGORY | III |
| CLIMA DATABASE - CARS ONLY | ✓ R-134A / R-1234YF W/ COMPONENT GRAPHIC POSITIONNING |
| DRAIN OIL CONTAINER | 250 ML - ELECTRONIC SCALE |
| PAG INJECTION OIL CONTAINER | 250 ML - ELECTRONIC SCALE |
| POE INJECTION OIL CONTAINER | OPTIONAL (HYBRID KIT) |
| UV DYE CONTAINER | 250 ML - ELECTRONIC SCALE |
| OIL CARE VALVE (NEW PAG OIL CONTAINER) | ✓ |
| VACUUM LEVEL | 0,02 MBAR |
| COMPRESSOR | 14 CC |
| PRESSURE SAFETY SWITCH | ✓ |
| DEHYDRATING FILTER CAPACITY (RECOVERED REFRIGERANT) | 45 KG |
| AIR PURGE FUNCTION | AUTOMATIC, ELECTRONIC |
| HP AND LP TAPS | AUTOMATIC |
| FILLING HOSES LENGTH | 4,5 M |
| HP AND LP | ANALOG DOUBLE SCALE FOR 134 AND R1234YF, 80 MM CL.1 / DIGITAL |
| ECO LOCK | PATENTED ✓ |
| INTERIOR + EXTERIOR FLUSHING (W/KIT) | ✓ (*) |
| INTERIOR + EXTERIOR FLUSHING VAS (W/KIT) | ✓ (*) |
| VESSEL HEATER FUNCTION | PATENTED ✓ SUPER CHARGE |
| AIR PURGE SYSTEM FUNCTION | ✓ |
| AGRI&WORK | ✓ (*) |
| OIL CLEAN | ✓ |
| HPV PUMP | ✓ |
| MULTIPASS FUNCTION | ✓ |
| UV TRACER FUNCTION | ✓ |
| HYBRID FUNCTION | ✓ (*) |
| N-LEAK TEST - WITH NITROGEN | ✓ (*) |
| LONG LIFE PUMP | PATENTED ✓ |
| POWER SUPPLY | 230 V - 50 HZ - 800 W |

(*) W/ OPTIONAL KIT

SPECIAL FUNCTIONS

AIR PURGE SYSTEM NEW/2015

SUPER CHARGE

OIL CLEAN

AGRI&WORK (OPTION)

HPV PUMP

LONG LIFE PUMP

ECO LOCK®

REFRIGERANT 1234 IDENTIFIER (with OPTIONAL kit)

MULTIPASS enables additional closed circuit filtering of the recovered cooling fluid

FLUSHING (with OPTIONAL kit)

NITROGEN LEAK TEST (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: 673 x 738 x 1198 mm (WxDxH)

Weight: 100 kg

Recharge vessel: 26 l

OPTIONS

- **AGRI&WORK**
- **HYBRID FUNCTION KIT**
- **1234 TRANSFORMATION KIT**

- **NITROGEN LEAK TEST KIT**
- **FLUSHING/ FLUSHING VAS KIT**
- **REFRIGERANT GAS IDENTIFIER**



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