

BAC 5200yf

The ultimate in R1234yf AC Maintenance
Approved by Mercedes-Benz



Fully automatic service unit:

- Integrated Refrigerant Identifier
- Recovery and Vacuum function
- Leak test
- Purging of non condensable gases
- Clean oil injection (separate bottles for PAG and POE oil) and UV dye injection with electronic scale
- Refrigerant charge function

Additional features:

- Hose clearing and Oil purge function with electronic scale
- Internal air flow control
- Software Windows Embedded CE
- Flushing function (optional flushing kit)

As an alternative to fully automatic all steps can be selected individually for a manual controlled sequence.

**Safe, climate change friendly, efficient.
New standard to service R1234yf.**

Maximum Safety:

- Certified by TÜV Rheinland
- Designed to eliminate any inflammation by potential electric sources
- Service couplings with dead space ventilation ensure that no refrigerant will leak

Efficiency in comparison to standard units:

- Service time can be reduced by 20 minutes thanks to the unique "deep recovery" function (double-stage vacuum pump with high performance and a delivery volume of 170 l/min)
- 10 % more refrigerant recovery from AC system of vehicle
- 80 % better recycling minimizing loss of refrigerant

Top Quality:

- Precision rate of ± 15 gram for filling and recovering functions achieved by integrated pressure and temperature control of refrigerant
- 2 separate lubrication circuits prevent a cross contamination of PAG and POE oil
- Separate injection of UV dye and lubricants

Scope of Delivery:

- Fully-automatic AC service unit for R1234yf
- Integrated refrigerant identifier
- High/low pressure hoses (2.5 m)
- Quick couplers (SAE J2888)
- 3 oil bottles
- 1 UV dye bottle
- Calibration weight to check oil and refrigerant scale
- Multi language user manual
- Quick start reference
- Thermal paper for printer
- Safety: protective goggles and gloves
- Protective dust hood

Order Number:

SP00.000.106 – BAC 5200yf

SP00.101.175 – Flushing Installation kit

SP00.101.176 – Flushing Installation kit including starter adapters kit

TECHNICAL SPECIFICATIONS

Refrigerant	R1234yf
Recovery accuracy / performance	15 g / 98,5 %
Display	5,7 inch TFT, 320 x 240 pixel VGA colour display
Keypad	Alphanumeric with function keys
Manometers	EN837-1, 100 mm
Manual valves	No
Service hoses	2.50 m
Couplings	According to SAE J2888
Printer	Yes
USB port	Yes

SD card slot	Yes
Hermetic compressor	3/8 HP
Vacuum pump	170 l/min (50 Hz) 198 l/min (60 Hz)
Internal storage vessel	9.09 kg
Dryer filter	700 cc
Oil bottles	3x 250 ml
UV dye bottle	1x 250 ml
Dimensions	107 x 61 x 76 cm
Weight	107 kg
Voltage supply	230 V, 50/60 Hz
Certificates	CE, TÜV Rheinland

Please note: We make every effort to ensure our product information is accurate and up-to-date. We nevertheless reserve the general right to make changes to technical data, colours and equipment at any time. Certain illustrations may contain optional special accessories. For a binding quotation please contact our authorised dealers directly at www.beissbarth.com.

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