

NEW!



Fully automatic **service** with **more safety** and **comfort**:
A/C service units by Bosch



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Bosch Diagnostics

ES[tronic]
Software

Test
Equipment

Service
Training

Technical
Hotline

Optimum **service** for perfect **air conditioning** – ACS 600 and ACS 650



ACS 600 and ACS 650: Safe and efficient for professional and cost-effective aircon service

High standards of reliability, precision and environmental compatibility must be met whenever work is done on automotive air conditioning systems. Bosch has developed for this purpose two new A/C service units, the ACS 600 and the ACS 650, both of which operate fully automatically and therefore without manual shutoff valves. The units feature a maximum degree of automation, excellent ease of use and good value for money.

All process steps are fully automatic

The units perform a wide range of functions fully automatically: refrigerant extraction and recycling, used oil drainage, evacuation and leak testing, fresh oil and UV additive feeding as well as precise refrigerant feeding.

Innovative trolley concept

All operator and monitoring functions can be found on the front of the unit. A status LED on top of the unit generates audible signals and allows the service status to be continuously monitored all round. The user-friendly and brilliantly simple user interface with large 3.5" colour display facilitates quick navigation through the service parameters settings.

Extensive vehicle database

In addition to a fully integrated vehicle database (regular updates are possible), the ACS units have a quick start function and a customer database.

ACS 600

The ACS 600 is suitable for fully automatic maintenance and repair work on the majority of automotive air conditioning systems.

ACS 650

The top-of-the-range ACS 650 unit offers additional equipment for A/C service on large-sized air conditioning systems:

- ▶ Log printer built in as standard
- ▶ Large internal refrigerant bottle
- ▶ Additional pressure gauge for internal bottle pressure monitoring
- ▶ Powerful vacuum pump

Specifications

ACS 600/ACS 650

Service processes	ACS 600	ACS 650
Refrigerant recovery and recycling	automatic	automatic
Release of oil drain	automatic	automatic
Evacuation/creating vacuum	automatic	automatic
Vacuum check/leak test	automatic	automatic
Fresh oil and UV-dye injection	automatic	automatic
Refrigerant recharge	automatic	automatic
Flushing	✓	✓
Expert flushing	optional	optional
Operation and display	ACS 600	ACS 650
Process control	via display	via display
Display	3.5" colour display	3.5" colour display
Pressure gauge for HP/LP (100 mm)	✓	✓
Pressure gauge for internal bottle pressure		✓
Manual evacuation time adjustment	✓	✓
Printer	optional	✓
Status indication	visual and audible	visual and audible
Display of maintenance work	✓	✓
Integrated vehicle database	✓	✓
Recovery/Recycling/Recharge	ACS 600	ACS 650
Refrigerant	R134a	R134a
Internal refrigerant bottle	12 l	21.5 l
Extraction power (refrigerant)	18 kg/h	18 kg/h
Vacuum pump power	4 m ³ /h	8 m ³ /h
Dry filter capacity	150 kg	150 kg
Refrigerant recharge accuracy	+/- 10 g	+/- 10 g
General equipment data	ACS 600	ACS 650
Weight	ca. 105 kg	ca. 110 kg
Dimensions (W x H x D) in mm	585 x 1170 x 730	585 x 1170 x 730
Power supply	230 V	230 V
Operating temperature	5 - 50 °C	5 - 50 °C
Scope of delivery	ACS 600	ACS 650
Service hoses HP/LP (3 m)	✓	✓
Quick connectors HP/LP	✓	✓
Oil- and UV-dye-bottles (3 pcs.)	✓	✓
Additional fresh oil bottle	optional	✓
Operating instructions in 13 languages	✓	✓
Dust cover	optional	✓
Protection set (safety gloves, goggles, cap)	✓	✓
Order number	F002 DG2 4A0	F002 DG2 400



Complete solutions by Bosch for A/C systems service

Modern air conditioning systems often come equipped with a control unit. In addition to mechanical work on the air conditioning system, it is also necessary to read out the fault memory and the control unit data. The KTS series of control unit diagnostics equipment by Bosch is designed specifically for this purpose. ESI[tronic] workshop software supplies target data and maintenance charts.

Bosch: **Skilled partner** for workshop business

Developments from Bosch stand for innovative progress in automobile manufacturing

Geared to the growing proportion of electronics in the vehicle, Bosch offers workshops the suitable test technology for all sizes of company and service concepts. Sturdy, innovative, state-of-the-art automobile technology: Computer-assisted diagnosis systems help in finding any fault more quickly and more reliably. The modular layout – using future-oriented technologies – enables broad networking and efficient use of comprehensive information from the ESI[tronic] software. Mobility and user-friendly user guidance support the workshop in reliable and time-saving diagnostics.



ECU Diagnostics KTS



Engine System Testing FSA



Emission Analysis BEA



Diesel System Testing EPS



Battery Service BAT



Air Conditioning Service ACS



Wheel Alignment FWA



Tyre Service Equipment TSE



Brake Testing BSA

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