

ACS 863 and ACS 763

Next Level Air Conditioning Service Units



Select between fully automatic service mode or single service mode

Innovative oil injection system with refillable sealed bottled designed for both e-vehicle and conventional AC systems

No manual valves

Refrigerant identifier quickly checks refrigerant purity

Embedded printer

Premium accuracy: 15 grammes charge accuracy

Designed according to German car manufacturers, SAE and European standards ensuring correct and environmentally friendly handling of

Optimal refrigerant tank size (22 l) provides the best balance between charging performance, flushing and dead space



BENEFITS AT A GLANCE

- ▶ Simplified workshop solution for A/C service through innovative, reliable and user-oriented design integrating functionality and future-orientation
 - ▶ Swiveling control console ensures optimal human interface experience
 - ▶ Design-for-service for the easiest and most effective ACS internal maintenance
 - ▶ Smartphone app enables remote communication of ACS unit at your fingertips
 - ▶ Integrated leak detection system for inert gas (NOx, nitrogen, formiergas)
 - ▶ Deep Recovery function allows full emptying of the MAC system and thus saves money
 - ▶ Hermetically sealed oil bottles to prevent moist from absorbing in the oil
 - ▶ Supports both PAG and POE oil types and hose flushing
 - ▶ Developed based on customer experience using ACS units, resulting in a product with the perfect balance between robustness and manoeuvrability to make A/C service more convenient

The new ACS unit range for R1234yf: A/C solutions to simplify day-to-day business for your workshop

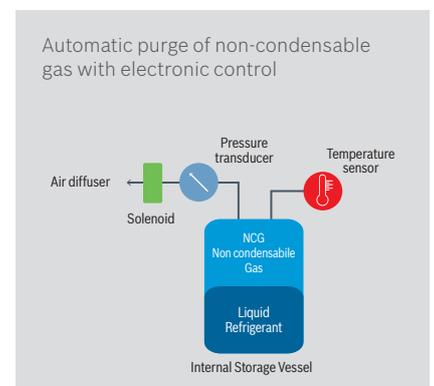
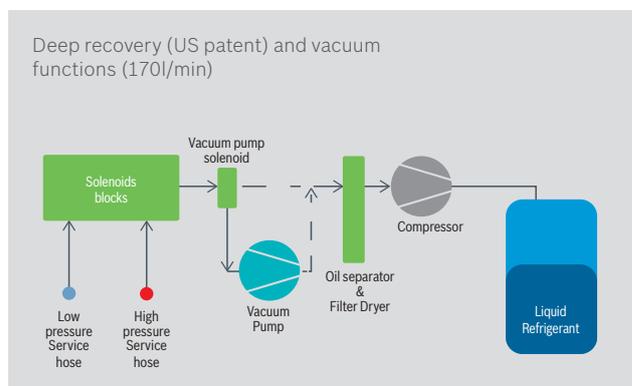
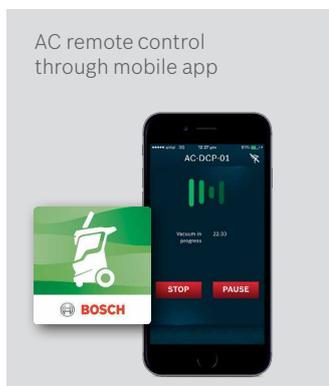


With its new ACS unit range, Bosch makes the maintenance operations of R1234yf systems easier and more efficient. These ACS units integrate all maintenance functions, whether routine or extraordinary. All functions are easily controlled and managed by the operator, thanks to an innovative graphical user interface (7" wide colour display) placed on a swiveling control console and a smartphone app allowing the user to check the ACS equipment status in real time. Contextual shortcut help messages support and guide the user through the operations.

Focusing on user centric workshop solutions the unit was designed based on a modular approach providing also easy access to internal components. This reduces the need for maintenance service as well as service time. The innovative and exclusive 'Deep Recovery' function makes refrigerant recovery fast and efficient and allows the operator to recover 99% of the refrigerant from the vehicle. Thanks to the dual-stage vacuum pump, with the highest flow rate of the equipment market (170 l / min), you achieve faster and, most of all, deeper dehydration of the A/C system. Reliability and precision of charge (± 15 grammes) of the refrigerant is assured by an integrated system of temperature and pressure control. The danger of crosscontamination (PAG / POE) of lubricants is avoided thanks to the independent oil injection system, user-fillable sealed bottles and the flushing cycle of the service hoses, which is automated at every oil change.

The Bosch ACS863 and ACS 763 R1234yf air conditioning service units are completely fully automatic service units that meet the highest requirements for servicing air conditioning units in cars and commercial vehicles. Compatible with hybrid A/C systems meeting German car manufacturer specifications, SAE and European standards.

- ▶ Embedded refrigerant identifier (ACS 863)
- ▶ N₂H₂/N₂ leak test embedded
- ▶ 99 % recovery rate (Deep Recovery)
- ▶ Mobile app



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