

# New Product Bulletin



## **BOSCH** ACS 863 & ACS 763

### **NEXT LEVEL AIR CONDITIONING SERVICE UNITS** **COOLDRIVE IS ONLY DISTRIBUTOR IN AUSTRALIA**

Select between fully automatic service mode or single service mode

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

No manual valves

Refrigerant identifier quickly checks refrigerant purity

*Optional For: ACS 763, 753, 663 & 653*

Embedded printer

Premium accuracy:  
15 grammes charge accuracy

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

Optimal refrigerant tank size (22L) 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
- Adjustable 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 & 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

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## 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 an adjustable 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 ( $\pm 15$  grammes) of the refrigerant is assured by an integrated system of temperature and pressure control.

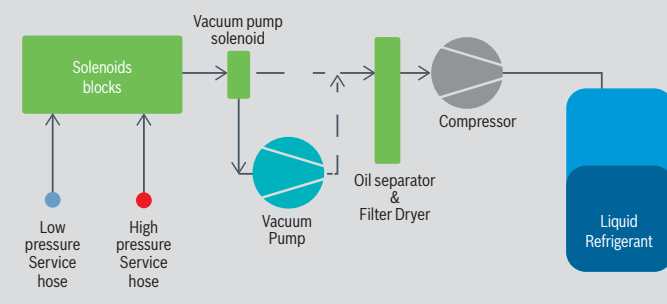
The danger of cross contamination (PAG / POE) of lubricants is avoided thanks to the independent oil injection system, user-fillable sealed bottles and the flushing cycle of the service hoses, which is automated at every oil change. The Bosch ACS 863 & ACS 763 R1234yf air conditioning service units are 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)
- 99% recovery rate (Deep Recovery)
- N<sub>2</sub>H<sub>2</sub>/N<sub>2</sub> leak test embedded
- Mobile app

AC remote control through mobile app



Deep recovery (US patent) and vacuum functions (170l/min)



Automatic purge of non-condensable gas with electronic control

