

Air Conditioning Service ACS 863, ACS 763, ACS 753



UPGRADE TO THE NEXT LEVEL OF AIR CONDITIONING SERVICE UNITS

ACS 863

R1234yf
Embedded refrigerant identifier
N₂H₂/N₂ leak test embedded
99% recovery rate

ACS 753

R134a
Optional refrigerant identifier
N₂H₂/N₂ leak test embedded
99% recovery rate

ACS 763

R1234yf
Optional refrigerant identifier
N₂H₂/N₂ leak test embedded
99% recovery rate



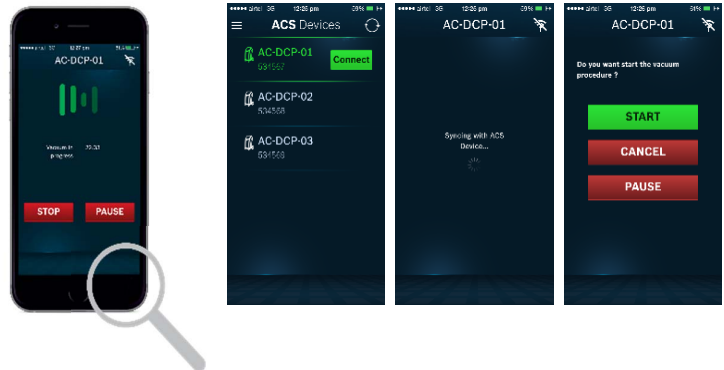
BENEFITS AT A GLANCE

- ▶ 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 (NO_x, 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

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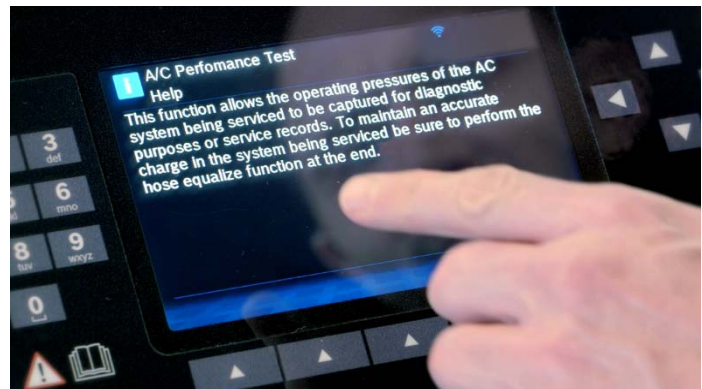
MOBILE APP OPERATED

The new smartphone app allows the user to check the ACS equipment status in real time and receives push notifications when the service is about to be completed or in case a problem appears. The user can check how much time the service still needs and is able to focus on other repair cases in the meantime.



MULTIFUNCTIONAL

These ACS units integrate all maintenance functions, whether routine or extraordinary. Contextual shortcut help messages support and guide the user through the operations.



CONNECTED WORKSHOP READY

The units seamlessly connect with Bosch Connected Repair or Asanetwork via WiFi, and stores all service data in one location. Via Bosch Connected Repair, the workshop owner is now able to document the time and refrigerant spent in a visual and standardized format to the customers.



A SINGLE SERVICE HATCH

Via a single service hatch on the back of the unit, the user or service technician is now able to access the most vital service parts and components in one go. This reduces maintenance time as the exterior doesn't have to be disassembled.

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HIGHLIGHTS

The new units are compatible with **Connected Repair & workshop networks** to **increase efficiency** by digital process integration and internal data exchange inside the workshop



Thanks to the **Deep Recovery function** **99%** of the refrigerant can be recovered **within minutes**. This saves besides time also costs and protects the environment

99%



BOSCH

First remote control solution through **real time mobile application** resulting in more flexibility for the technician



Thanks to **design-for service approach** maintenance & service can now **quickly and easily** be conducted

Easy access to remote service assistance for expert support and know how in no time



INNOVATIONS

All functions are **easily controlled** and managed by the operator, thanks to an **innovative graphical user interface** placed on a **swiveling control console**



Innovative oil injection system with refillable sealed bottled designed for both **e-vehicle** and **conventional AC** systems reducing risk of crosscontamination of lubricants



Refrigerant identifier quickly checks refrigerant purity

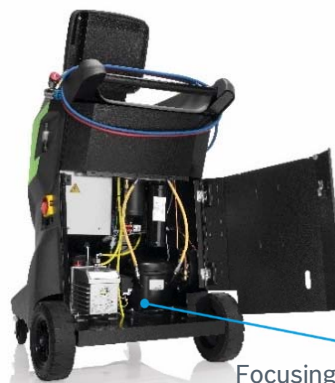
Select between **fully automatic** service mode or **single** service mode

Embedded and automatic leak test with N₂H₂/N₂

Flushing kit approved by car manufacturers



Optimal refrigerant tank size (16 kg) provides the best **balance** between charging performance, flushing and dead space



Focusing on user centric workshop solutions the unit was designed based on a **modular approach** providing also **easy access to internal components**

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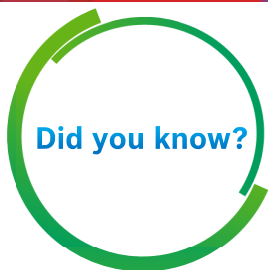
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Battery thermal management of hybrid and electric vehicles will drive further demand for air conditioning service equipment.

TECHNICAL DETAILS

ACS 863 / 763 / 753	
FUNCTIONS	N ₂ H ₂ /N ₂ leak test embedded
	99% recovery rate
	Wireless workshop network connection
	Remote control from mobile
	Oil recovery with electronic scale
	Integrated inert gases leak detection
	Compatible with hybrid A/C systems
FEATURES	Included wireless kit-dongle
	16 kg refrigerant tank capacity
	Dual stage vacuum pump 170 l/min
ENVIRONMENT	Operating temperature +10 °C / + 50 °C
	Power Supply 230 V 50/60 Hz
	Power < 1200 W
	...and many more



ACS 863: SP00000112

ACS 763: SP00000113

ACS 753: SP00000110



TIP!

When servicing an air conditioning system, we suggest changing the cabin filter because the service is only complete and noticeable to your customers with a new filter.

PERFECT! The cabin filter programme from Bosch for almost all vehicle types increases passenger comfort, safety and health protection.

Where do I find more information?

Bosch Workshop World
<http://www.bosch-workshop-world.com>