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PRESS RELEASE

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Air conditioning service plays a growing role in the vehicle workshop. The air conditioning system, which used to be a luxury, has long since become standard. For electric vehicles in particular, there is no way around air conditioning, as battery cooling is a system requirement. WAECO is presenting its new version of this indispensable tool at this year's Automechanika with the new ASC 7 series.



WAECO ASC 7-Series

The first models of the WAECO ASC 7 series are expected towards the end of the first quarter of 2025, with more to be added to the product family at a later date. The ASC 7.3, ASC 7.3 LE and the

ASC 7.744, the three most important new models for the passenger car market, will be on display at the Frankfurt trade fair. The new models for buses and other vehicles with larger refrigerant volumes (ASC 7.4 and ASC 7.4 LE) are also on show.

The new models have a completely new design. All in black and clean lines immediately catch the eye. A new feature is the "all-in-view" display, which now features digital pressure gauges for the first time. Practical: an integrated status bar shows the progress of the process. Another new feature is the expansion to four ports for compressor oils and UV additives. This eliminates the need to constantly connect and disconnect cans in the workshop. The option of WiFi connection, which was previously possible via an additional device, is directly integrated into the 7 series.

The manufacturer has retained some tried-and-tested details, such as the practical movable display and the maintenance-free internal scales. "At the express request of many users, the control buttons have also been designed as real buttons again and not as touch buttons - so operation with gloves is still possible without any problems," explains Guido Sasse, Managing Director of WAECO Germany WSE GmbH.

With the ASC 7 series, WAECO also offers the option of choosing between a standard model (ASC 7.3 for cars / trucks or ASC 7.4 for larger refrigerant volumes) and a so-called Low Emission model. The Low Emission models ASC 7.3 LE and ASC 7.4 LE have a special waste oil container and intelligently integrate the vacuum pump into the process so that virtually no refrigerant is lost. This is both an active

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environmental protection, as no refrigerant can escape unnecessarily into the atmosphere, and an increasingly important cost saving aspect. After all, the next stage of the F-Gas Regulation will come into force in 2025 and it is to be expected that R134a will become scarcer in Europe than ever before.

ASC 7.3 and ASC 7.3 LE will be the successors to the top sellers ASC 6300 G and ASC 6300 G LE. Accordingly, the ASC 7.4 and ASC 7.4 LE models will replace the ASC 6400 G and ASC 6400 G LE in 2025. Like the models in the current 6000 series, the future devices of the 7 series will also be certified for four refrigerants (R1234yf, R134a, R456A, R513A). A connection kit is again required, which contains the appropriate connection sockets for the air conditioning system, hoses (3 m, 5 m or 8 m, depending on choice), adapters and cans for an initial filling with compressor oil and UV additive. During commissioning, the respective connection kit is assigned to the ASC device for the correct refrigerant.

WAECO ASC 7.744

The WAECO ASC 7.744 is identical in terms of design and ease of operation. The new A/C service unit for CO₂ air conditioning systems will be launched on the market as standard in the course of 2025. Workshops will then be able to choose between two variants from WAECO: the brand-new A/C service unit or the upgrade kit that is already available, which enables CO₂ air conditioning systems to be serviced with a "standard" A/C service unit. WAECO will be presenting both solutions in parallel at Automechanika.

Air conditioning service on electric vehicles

The second key point alongside the presentation of the new air conditioning service units is an information wall on servicing and repairing e-vehicles.

Anyone who thought that there was less for mechatronic technicians to do on e-vehicles is mistaken. A look under the hood of all passenger car models with sophisticated thermal management reveals, among other things, many meters of refrigerant lines. If a leak occurs here, the search for the leak can be very time-consuming. WAECO shows that UV leak detection can also be a practical and time-saving solution for electric vehicles.

Air conditioning parts in manufacturer quality

A perfect fit and just as good as the original. As the first e-vehicles reach the age at which they become customers of independent workshops, WAECO also offers a growing range of original replacement air conditioning parts for Tesla & Co. At its stand, the air conditioning specialist will also be explaining how to flush the air conditioning system after compressor damage, for example, and how an e-compressor is constructed. Various live spots will also show how compressor oil can be stored moisture-free in order to avoid voltage changes or corrosion in the air conditioning system.

Meet WAECO at Automechanika in Hall 9.0 Stand C35

Pictures can be found [here](#)

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About WAECO

Driven by technology

Innovative strength and the desire to make work in the workshop smarter, simpler, safer and more environmentally friendly are the core principles of WAECO Germany WSE GmbH.

WAECO has been firmly focused on these goals for 50 years.

Today, we see ourselves as a technology leader and trendsetter in workshop equipment, particularly for vehicle air conditioning in cars, trucks, agricultural machinery, buses and trains.

Through constant technological dialog with the automotive industry, we are familiar with the expected quality standards and develop our products accordingly for the future requirements of workshops.

Our company headquarters are located in 48282 Emsdetten, Germany.

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