

Press release
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Laboratory glassware reprocessing on three levels: Large-chamber glasswashers from Miele now with increased capacity

- ▶ New load carrier for PLW 86 series flexibly accommodates up to 9 modules
- ▶ Capacity for small and medium-size laboratory glassware increased by 50%

Gütersloh, June 14, 2021. – With large-chamber laboratory glasswashers from the PLW 86 series, Miele has been offering a high-performance series since 2019 which, thanks to the EasyLoad accessory system, is fast and simple to load. Even greater chamber capacity and additional loading flexibility will soon be offered by a new load carrier, available from July 2021 onwards: For the first time, this unit allows up to 9 modules to be accommodated on up to three levels – for the reliable cleaning of a variety of laboratory glassware items both inside and out.

Internal cleaning is of particular importance on narrow-necked laboratory glassware such as Erlenmeyer flasks. This is achieved using injector nozzles integrated into the modules. These, in turn, fit into the new APLW 511 load carrier and connect to the water circuit in up to 9 different positions. This makes Miele's tried-and-tested EasyLoad system even more versatile whilst at the same time offering greater capacity than ever before. Even a combination of tall laboratory glassware such as pipettes and smaller items such as phials is possible – making full use of space in the chamber.

This way, 324 bottles with a volume of 100 ml can be washed and dried in a single load – or, alternatively, 216 of the same bottles plus 294 phials. The bottom line is an increase in load capacity of more than 50%, above all when reprocessing small and medium-size items of laboratory glassware.

New programme versions for load carriers and higher pump speeds ensure reliability in reprocessing. Consequently, glasswashers adapt flexibly to the needs of large laboratories and result in highly efficient operation. This is achieved in particular through the use of a variable-speed circulation pump able to adjust speeds to the needs of programme cycles. During the main wash, full power is operative, whereas speed is reduced in the rinse cycle that follows. The controls, too, adapt to changing load situations, reducing not only water consumption but also electricity and detergent use.

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Company profile: Miele is the world's leading manufacturer of premium domestic appliances including cooking, baking and steam-cooking appliances, refrigeration products, coffee makers, dishwashers and laundry and floor care products. Their product portfolio also includes dishwashers, air purifiers, washing machines and tumble dryers for commercial use as well as washer-disinfectors and sterilisers for use in medical and laboratory applications (Miele Professional). Founded in 1899, the company has eight production plants in Germany, one each in Austria, the Czech Republic, China, Romania and Poland as well as two production plants belonging to its Italian medical technology subsidiary Steelco. Sales in the 2020 business year amounted to around € 4.5 bn (thereof 29.5% in Germany). Miele is represented with its own sales subsidiaries and via importers in almost 100 countries/regions. Throughout the world, the family-run enterprise, now in its fourth generation, employs a workforce of around 20,900, of which approx. 11,050 employees work in Germany. The company has its headquarters in Gütersloh in Westphalia.

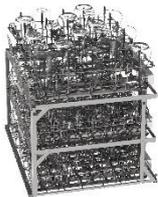
There are two photographs with this text

Photo 1: Three rack levels for up to 9 modules facilitate flexible loading with laboratory glassware: The new APLW 511 load carrier increases load capacities in large-chamber PLW 86 laboratory glasswashers from Miele. (Photo: Miele)



Photo 2: Highly efficient laboratory glasswasher which has stood the test of time, above all in large laboratories: A new load carrier is now available for models from Miele's PLW 86 series which makes use of the versatile EasyLoad system. (Photo: Miele)

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