

Press release
No. 006/2020

Miele at Analytica: Lab washers of all sizes for greater efficiency

- ▶ High-performance and energy-efficient large-chamber lab washers
- ▶ EasyLoad: How to load lab washers more simply and faster

Gütersloh/Munich, February 5, 2020. - Starting on March 31, Miele will be setting out its wares at the Analytica trade show in Munich: The new large-chamber lab washers will be centre-stage at the event, offering a marked increase in efficiency and the EasyLoad system which makes for particularly fast and convenient loading. Miele will be presenting a particularly space-saving solution at its booth: Freestanding washers from the SlimLine series are only 65 cm wide yet offer ample space for the reprocessing of laboratory glassware (Hall B1, Booth A 302).

The PLW 86 large-chamber lab washer enables top-class cleaning results combined with low consumption as the circulation pump speed can be adapted to suit the needs of the various stages of a programme. During the main wash, the pump's full power is called on, but later reduced again in the rinse cycle. This is accompanied by a reduction in water consumption, geared to the needs of the respective process phase. Compared with the previous generation, water consumption reductions of up to 17% can be achieved on a full load. The recycling function even increases potential savings to over 30%.

These 115 cm wide units offer two separate tanks, each with a volume of 30 l, for recycling and pre-heating. In two further 90 cm wide models, both these functions are merged into a single combi tank. These slim-build units offer a chamber capacity of 35 l as well as space for Miele ProCare process chemicals, hot-air drying and a steam condenser.

Greater capacity and simpler loading

In combination with the new EasyLoad modular loading system, all models have a significantly larger load capacity than previously. For instance, the PLW 86 lab washers can accommodate twice the number of 2 l bottles than the model from the previous series. The combination of only a limited number of skeleton baskets and modules ensures optimum loading flexibility. In addition, this system makes loading with a wide variety of laboratory glasses faster and simpler than ever before. Laboratory glassware is now automatically positioned in the load carrier, and newly developed injector nozzles guarantee the thorough cleaning of the interior of load items.

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Freestanding SlimLine washers are as compact as they are spacious. Telescopic racks which can be used at up to four different levels promise the best possible and most flexible use of chamber space. This creates greater vertical clearance, allowing even large bottles with a volume of up to 50 l to be reliably cleaned.

Even large items of laboratory glassware can be reprocessed in undercounter models from Miele. For this purpose, new modular inserts are available in which, for example laboratory bottles with a volume of 10 l can be securely positioned.

In order to facilitate the complete documentation of reprocessing, undercounter models can be integrated into a client's on-site network. And, what's more, documentation using the app called DataDiary, available for Android and iOS, saves valuable time throughout the working day: The app harvests cycle reports automatically from lab washers, allowing protocols to be created on a tablet PC. From March 2020 onwards, the app, which has been available for almost two years now, will be relaunched as an updated version – able to communicate simultaneously with up to 9 lab washers.

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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. This line-up is augmented by dishwashers, washing machines and tumble dryers for commercial use as well as washer-disinfectors and sterilisers for use in medical and laboratory applications (Miele Professional). The Miele company, founded in 1899, has eight production plants in Germany as well as one plant each in Austria, the Czech Republic, China and Romania. These are joined by the two plants belonging to Miele's Italian medical technology subsidiary Steelco. Turnover in the 2018/19 business year was around € 4.16 bn, with a share of business outside Germany of approx. 71%. Miele is represented with its own sales subsidiaries and via importers in almost 100 countries. Throughout the world, the family-run enterprise, now in its fourth generation, employs a workforce of around 20,200, whereof 11,050 are employed in Germany. The company has its headquarters in Gütersloh in Westphalia.

There are three photographs with this text



Photo 1: The PLW 86 large-chamber lab washer from Miele offers ample space as well as a wide range of load carriers and baskets. (Photo: Miele)



Photo 2: Compact on the outside, versatile inside: Freestanding lab washers from the SlimLine range feature telescopic runners which facilitate the best possible use of the chamber. (Photo: Miele)



Photo 3: Practical injection system for the fast, simple and safe reprocessing of laboratory glassware: EasyLoad from Miele. (Photo: Miele)

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