

For Immediate Release:

Contact: Alexandra McNamara
Marketing Coordinator
9 Independence Way
Princeton NJ, 08540
800-991-9380 ext. 2545
alexandra.mcnamara@mieleusa.com

Miele Professional Introduces “The Flex Series” Undercounter Laboratory Glassware Washers
Offering Greater Capacity, Improved Load Flexibility and More Efficient Programs

Princeton, NJ, March 7th 2016 – Miele Professional has reengineered its undercounter laboratory glassware washers taking the science of glassware reprocessing to a higher level. Aside from a sleek new sophisticated design, the new Flex Series washers provide a new wash chamber with a rear docking system, which allows for flexible basket configurations improving load capacity by nearly 50%. In keeping with its 115 year old philosophy of “Immer Besser“ (Forever Better), Miele has also created its new Flex Series washers to be more water efficient – reducing water consumption by another 8% compared to its predecessor washers – which already offered an industry best in this environmental category.

The heart and soul of the Flex Series washers is an innovative variable-speed pump (*with a brushless permanent magnet motor*) with integrated heater elements. This new pump enables the washers to provide marked efficiency and performance improvements from the previous G 78 series models, and represents a cutting edge technical advancement in the laboratory products market.

According to Paul Miller, Miele Professional’s National Laboratory Sales Manager, the pump speeds up and slows down according to programming, increasing speed to provide more powerful pressure for injection cleaning and lowering speed for less intense functions such as rinsing. “What this means is that the pump utilizes water and energy more efficiently, ramping up to 3400 rpms for powerful cleaning and using a little more water for injection cleaning, but then slows down and reduces water usage during rinsing and other program steps.”

In Miele's former G78 series models, the dual pumps performed at a steady 2800 rpms, utilizing 2.6 gallons per fill for standard program. "Now, we've not only improved the cleaning process, but we are using water more efficiently – decreasing our average water usage to just 2.4 gallons," he stated.

This innovative pump and an optimized water circuit via a rear panel docking system enables Miele to offer new program option such as the Injector Plus program, a high powered cleaning program that allows for four injector modules to be reprocessed per cycle; and the Mini Program, which enables glassware to be cleaned in just 23 minutes. The Mini Program – designed for cleaning lightly soiled items including wide neck beakers is also a new ecological friendly solution. This program offers 45% water savings compared to the Universal Program and utilizes just 7.5 gallons of water.

Another highlight of the Flex Series is the innovative new basket and inserts configuration system.

Miele moved away from single baskets for specific applications to creating various injection inserts that snap into upper or lower baskets. This translates into more flexibility in wash combinations for the customer.

"We have 19 baskets and inserts to create hundreds of combinations. For our customers that means a more economical space saving solution for their laboratory," Miller concluded.

The Flex Series Models

PG 8583 - 11 programs, AutoOpen (EcoDry - machine door opens automatically at end of cycle for drying assistance), powder detergent dispenser in door, one internal pump for neutralizer dispensing, two connections for DOS modules for liquid detergent dispensing

PG 8593 - 11 programs, HEPA-filtered forced-air drying (DryPlus), one internal pump for liquid detergent dispensing, two connections for DOS modules for neutralizer and additional liquid dispensing

PG 8583 CD - 11 programs, HEPA-filtered forced-air drying (DryPlus), conductivity meter, side cabinet for detergent storage, two internal pumps for liquid detergent and neutralizer dispensing (third pump optional)

PG 8583 CD OIL - 11 programs, oil resistant seals and gaskets, HEPA-filtered forced-air drying, conductivity meter, side cabinet for detergent storage, two internal pumps for liquid detergent and neutralizer dispensing (third pump optional)

The Flex Series Highlights:

- 19 new baskets, modules and inserts generating hundreds of loading combinations – fewer carriers for a more economical solution
- Provides almost double the capacity for 50-100ml round bottomed flasks compared to previous model
- Three levels of cleaning for small items
- Ability to clean 98 pipettes in lower level in combination with 32 flasks
- Reduced number of load carriers required saves both on investments and storage space
- New spray arm design featuring knife-edge pattern spraying for effective removal of debris and uniform wetting
- Advanced spray arm monitoring to alert user of excessive foaming and spray arm blockages
- New improved drying programs and an aerosol steam condenser enhance the drying process
- Factory tested to last 15,000 operating hours, which translates into 15 years of operation if used five hours per day, five days per week.

Miele will introduce the new Flex Series washers at the leading international conference and expo for laboratory science, The Pittcon Conference in Atlanta, GA. Here scientists, students and chemists from around the world will have an opportunity to see the new model, speak to Miele's product management team and try their hand at configuring the unique basket configuration system.

About Miele Professional

Miele Professional, the commercial product division of Miele Inc., provides high quality and high performance cleaning equipment, including laboratory glassware washers, laundry equipment, dishwashers and medical and dental washer-disinfectors. With Miele, no product detail is overlooked. From engineering and program design, to build quality, to performance and innovation, Miele products are tried and tested rigorously and trusted by businesses all over the world. Our objective is simply to ensure we provide systems for every need that deliver exceptional results, every day. www.miele-pro.com

About Miele

Represented in 37 countries, Miele, and its legendary quality, is trusted around the world by the most discerning customers. Recognized as the hallmark for innovation, the icon in design, and the leader in luxury, Miele offers the finest performing, cooking, cooling, and cleaning systems to homeowners, builders and developers.

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