

## PG 8583, PG 8593 UNDERCOUNTER LABWASHERS

Designed for simplicity and sustainability, the PG 8583/8593 undercounter labwasher reduces energy consumption and water use in the lab, while making sure mission critical glassware is analytically clean and ready for the next set of tests.



- High capacity throughput (up to 128 injector nozzles)
  - 128 vials / 98 pipettes
  - SimpleLoad modules
  - Rear basket docking
  - Variable Speed pump
  - Auto liquid dispensing
  - Multi-stage filter system
  - Spray arm monitoring
  - PG 8583 ECO Dry - AutoOpen function
  - PG 8583 Powder Dispensing Version (US)
  - PG 8583 OIL version
  - PG 8593 DryPlus - Hot air HEPA drying
  - PG 8593 External DOS pump
  - ADA Compliant (32 5/16" H with removal of detachable lid)
- Energy Resource and Test Certificate**
- ACT Sustainability label
  - cCSAus Certified **Optional** features
  - IO/Q Validation

### Business Benefits



- Flexibility of the chamber design makes it ideal for glassware reprocessing needs of a wide array of lab applications from pharmaceutical to zebrafish to cosmetic, providing a safe and efficient solution to any washing by hand.
- Modular basket configurations (injection and/or larger flat glassware) to accommodate all types and sizes of glassware.
- Rear basket docking system guarantees streamlined and efficient water and air circuit usage.



### Labor Savings



- No manual pre-rinse required. Reduces staff resources, water consumption and glassware breakage.
- Variable-speed pump and integrated heater element for perfect spray pressure in all program phases.



### Ultimate Protection



- Chamber is made from high-grade stainless steel (DIN 1.440/AISI 316L).
- Laser welded and crevice free hygienic chamber enables high standards of hygiene and purity.
- Spray pressure and arm monitoring ensure reliability of reprocessing.
- Cleaning process with the use of ProCare Lab chemicals.



For more information on product, scan the QR code.



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**PG 8583 LD**  
10714830  
(62858304CDN)

**PG 8583 PD**  
10250020

**PG 8583 OIL**  
10254330  
(62858371CDN)

**PG 8593**  
10250030  
(62859301CDN)

Program	Max. Temperature	Total Cycle Time (min.)	Water Consumption [L]
Mini	140°F (60°C) W1, FR	23	28.5
Standard	158°F (70°C) W1, FR	34	37.5
Normal Plus	167°F (75°C) W1, FR	43	54.5
Intensive	167°F (75°C) W1, FR	43	55.5
Injector Plus	167°F (75°C) W1, FR	45	72
Inorganic	167°F (75°C) W2	33	56.5
Organic	185°F (85°C) W2	34	55.5
Oil	185°F (85°C) W2	36	65.5
Plastics	131°F (55°C) W1, FR	40	54.5
Pipettes	158°F (70°C) W1, FR	48	90
Special 93C-10	199°F (93°C) W1	67	55.5

Legend:  
W1 - Wash 1  
W2 - Wash 2  
FR - Final Rinse

### Unit Dimensions

Machine dimensions H x W x D [mm, in.]	835, 32 7/8" x 600, 23 3/8" x 600, 23 3/8"	Chamber size [L, cu.ft]	145, 5.12
Usable wash cabinet H x W x D [mm, in.]	520, 20 1/2" x 530, 20 7/8" x 520, 20 1/2"		

### Electrical

Default	3AC 208V 20A 60Hz / 6.2KW / 4 x AWG 12; NEMA L15-20R required on site
Option	2AC 208V 30A 60Hz

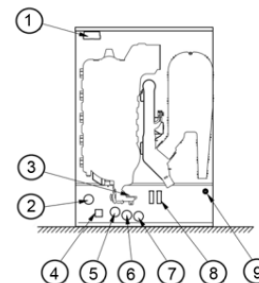
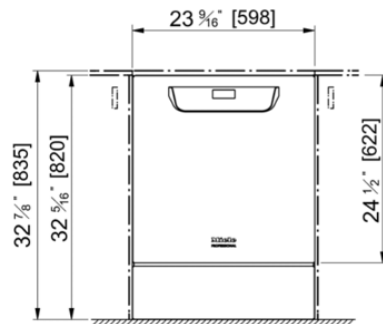
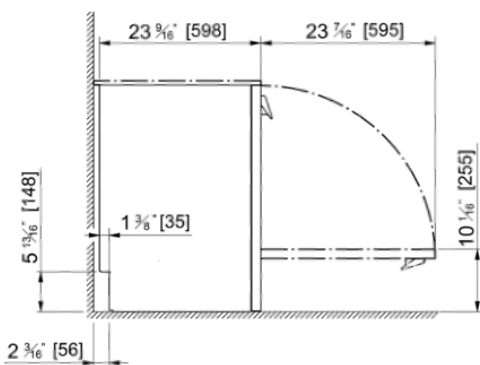
### Plumbing

Cold water	2 x 3/4 in. MGHT required on site / Flow rate 2 gpm (7.5L/min.) / Water pressure 14.5-145 psi (100-1,000 KPa), pressurized
Hot water	1 x 3/4 in. MGHT required on site / Flow rate 2 gpm (7.5L/min.) / Water pressure 5.8-145 psi (40-1,000 KPa), pressurized
DI water	1 x 3/4 in. MGHT required on site / Flow rate 2 gpm (7.5L/min.) / Water pressure 4.4-145 psi (30-1,000 KPa), pressurized. Below 29 psi = booster pump
Drain connection	1 x 3/4 in. Barbed connector required on site / Flow rate 4.2 gpm (16L/min.)

### Shipping

Dimensions H x W x D [mm, in.]	920, 34 1/4" x 670, 26 3/8" x 740, 29 1/2"	Weight [kg, lbs.]	74, 163
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For more information, refer to Installation Manual, and for design specs, visit [Miele Professional Specs | ARCAT](#).



### Legend:

1. XKM Module connection
2. DI Water connection
3. Drain connection
4. Cold Water connection (8593)
5. Electrical connection
6. Hot Water connection
7. Cold Water connection
8. External Dispensing (8593)
9. Equipotential