

PG 8583 CD UNDERCOUNTER LABWASHERS

Designed for simplicity and sustainability, the PG 8583 CD undercounter washer 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
- Conductivity monitoring
- DryPlus – Hot air HEPA filtration
- PG 8583 CD OIL version (US)

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 laboratory glassware needs of all sort of lab applications from pharmaceutical to oil refinery, safe and efficient solution to any washing by hand.
- Modular basket set ups (injection and/or larger flat glasswares) to accommodate all types and sizes of glasswares.
- Rear basket docking system guarantees a 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 contribute to ensuring reliability of reprocessing.
- Cleaning process with the use of ProCare Lab chemicals.



For more information on product, scan the QR code.



PG 8583 CD UNDERCOUNTER LABWASHERS



PG 8583CD
10262730
(62858371CDN)

PG 8583CD OIL
10262740



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 900, 35 7/16 x 700, 27 9/16	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

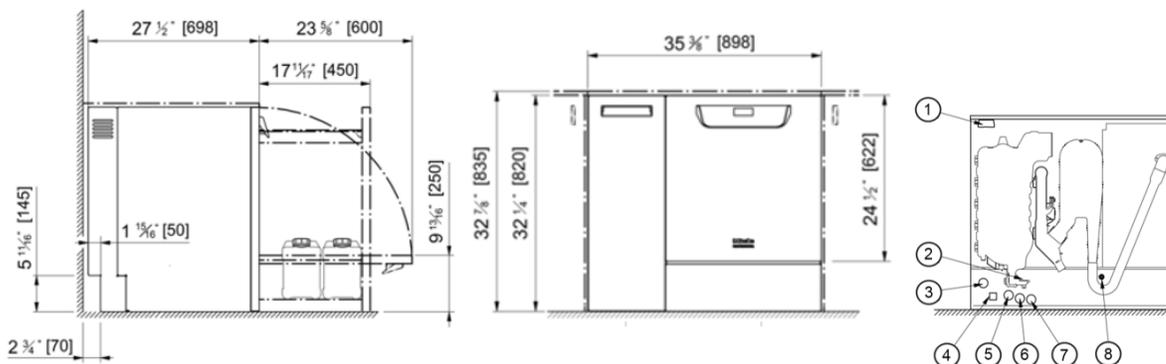
Plumbing

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.]	1,000, 39 3/8 x 740, 46 1/16 x 740, 29 1/8	Weight [kg, lbs.]	98, 216
--------------------------------	--	--------------------------	---------

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
5. Electrical connection
6. Hot Water connection
7. Cold Water connection
8. Equipotential