

PLW 86 SERIES LABWASHERS

With a smart variable-speed pump system and flexible chamber design featuring the SimpleLoad racking system, Miele's PLW 86 series offers more glassware reprocessing capacity.



- 60 Bottles (1000mL)
 - Up to 324 Bottles (100mL)
 - 294 Vials
 - 588 Pipettes
 - SimpleLoad modules
 - Rear basket docking
 - 2-pump system: variable speed
 - Auto liquid dispensing
 - Multi-stage filtration system
 - Spray arm monitoring
 - PLW 8615/16 Combi Tank
 - PLW 8616 double doors
 - PLW 8617 wider 1150cm
 - PLW 8617 DI Tank Heated or Recycle Tank, or both
- Test Certificate**
- cULus Certified
- Optional Features**
- Drain Pump
 - Rolling Plinth
 - Drying unit - hot air HEPA drying
 - Steam or Electric, or both
 - Automatic or manual transfer cart
 - I/OQ 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 projects, providing a safe and efficient solution to any washing by hand.
- Modular basket configurations (injection and/or larger flat glasswares) 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 contribute to ensuring reliability of reprocessing.
- Cleaning process with the use of ProCare Lab chemicals.



SIMPLELOAD



For more information on product, scan the QR code.



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PLW 8615 11179530 (62851501USA)	PLW 8617 11179780 (62851701USA)
PLW 8615 CT 11179540 (62861502USA)	PLW 8617 TH 11179790 (62861702USA)
PLW 8615 EL/S 11179550 (62861503USA)	PLW 8617 RT 11179800 (62861703USA)
PLW 8615 EL/S CT 11179560 (62861504 USA)	PLW 8617 TH RT 11179810 (62861704 USA)
PLW 8616 11179570 (62851601USA)	PLW 8617 EL/S 11179820 (62851705USA)
PLW 8616 CT 11179580 (62861602USA)	PLW 8617 EL/S TH 11179830 (62861706USA)
PLW 8616 EL/S 11179590 (62861603USA)	PLW 8617 EL/S RT 11179840 (62861707USA)
PLW 8616 EL/S CT 11179770 (62861604 USA)	PLW 8617 EL/S TH RT 11179850 (62861708 USA)

Program	Max. Temperature		Water Consumption [L]
Agar	167°F (75°C)	W1, FR	46
Agar Plus	167°F (75°C)	W1, FR	25
Inorganica	167°F (75°C)	W1	52
Inorganica Plus	167°F (75°C)	W1	28
Disin 93/10	199°F (93°C)	PW	36
Disin 93/10 Plus	199°F (93°C)	PW	21
Intensive	176°F (80°C)	W1	54
Intensive Plus	176°F (80°C)	W1	30
Plastics	131°F (55°C)	W1, FR	46
Plastics Plus	131°F (55°C)	W1, FR	25
Mini	140°F (60°C)	W1, FR	26
Mini Plus	140°F (60°C)	W1, FR	14
Oil	185°F (85°C)	W2	52

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

Unit Dimensions

Machine dimensions H x W x D [mm, in.]	PLW 8615/16: 2495, 98 ¼ x 900, 35 7/16 x 990, 39	PLW 8617: W 1150, 45 ¼
Usable wash cabinet H x W x D [mm, in.]	PLW 8615/16/17: 675, 26 9/16 x 650, 25 9/16 x 800 31 ½	Chamber size [L, cu.ft] 351, 12.39

Electrical

Default	3AC 208V 60A 60Hz / 21KW / 6/4 AWG
Option	-

Plumbing

Cold water	2 x ¾ in. MGHT required on site / Flow rate 3.96 gpm (15L/min.) / Water pressure 29-145 psi (200-1000 KPa), pressurized
Hot water	1 x ¾ in. MGHT required on site / Flow rate 3.96 gpm (15L/min.) / Water pressure 29-145 psi (200-1000 KPa), pressurized
DI water	1 x ¾ in. MGHT required on site / Flow rate 3.96 gpm (15L/min.) / Water pressure 29-145psi (200-1000 KPa), pressurized. Below 29 psi = booster pump
Drain connection	1 x ¾ in. Barbed connector required on site / Flow rate 43 gpm (160L/min.)

Shipping

Dimensions H x W x D [mm, in.]	1,960, 77 3/16 x 1,000, 39 3/8 x 1,130, 44 1/2	Weight [kg, lbs.] 845, 383
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For more information, refer to Installation Manual, and for design specs, visit [Miele Professional Specs | ARCAT](#).

