Miele

PLW 8683 CD [U DS5 CM]
Laboratory glassware washer
with liquid dispensing, DryPlus, conductivity monitoring & oil resistant seals.



- Performance/cycle, e.g., 128 laboratory bottles
- Flexible and simple – modular load carriers & SimpleLoad system
- Maximum user convenience with M Touch Flex full-touch color display
- Safety through monitoring – wash pressure and spray arm monitoring
- Efficient hot air drying – DryPlus
- Connectivity as standard via Wi-Fi

EAN: 4002516884828 / Material number: 12800050 /
Old Material Number: 6286C344NAM

Construction type and design	
Model	Freestanding appliance, can be built-under, wide, without lid
Range	ExpertLine
Control panel color	Black
Outer casing	Stainless Steel
Can be built-under	•
lid	Without lid
Number of wash levels	2
AutoClose – Automatic door lock	•
Buzzer, acoustic signal at end of program	•
Easy-to-service construction	•
Application	
Suitable for laboratories	•
Capacity	
Narrow-neck glassware per cycle [number]	64
Test tubes per cycle [number]	196
Vials per cycle [number]	196
Laboratory flasks per cycle [number]	128
Pipettes per cycle [number]	98
Performance data	
Circulation pump, Qmax in gal/min (l/min)	132.1 (500)
Usable wash cabinet volume in l	5.12 (145.00)
Tested operating hours	15000
Maximum final rinse temperature in °F (in °C)	199 (93)
Miele MOVE	
Miele MOVE Connect (option)	•
Control	
Control system	M Touch Flex
Max. delay start in h	24
Programmability	programmable
Programs [number]	20
Free program slots [number]	10
Time-left display	•
Program-cycle display	•
Choice of display languages	•
Standard electrical connection	
Electrical connection	3 AC 208V 60HZ
Electric heater rating in kW	5.40
Total rated load in kW	6.20
Fuse rating in A	20
Length of power cord in ft (m)	6 (1.90)
Possible voltage variant 1	
Electrical connection	2 AC 208V 60HZ
Electric heater rating in kW	5.40
Total rated load in kW	6.20
Fuse rating in A	30

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Water connection/drainage	
Cold water [number]	1
Hot water [number]	1
Required flow pressure in kPa	200 - 1000
DI water [number]	1
Maximum delivery head for drain pump in inches (cm)	39 3/8 (100)
Maximum water hardness (cold water/hot water) in gpg (mmol/l)	62.59 (10.70)
VEP feed pump for DI water (option)	•
Drain pump [DN]	0.86 (22)
Integrated water softener	•
Water protection system	Waterproof system
Drying unit	
Integrated drying unit	•
Fan in kW	0.30
Heating element in kW	2.20
Air throughput in m^3/h	60
Time settings in 1-minute steps	0 - 120
HEPA-filter class	H14
HEPA-filter filtration efficiency (in accordance with DIN EN 1822) in %	99.99
HEPA filter service life in h	200
Dimensions and weight	
External dimensions, net height in inches	32 5/16 (820)
External dimensions, net width in inches	35 3/8 (898)
External dimensions, net depth in inches	27 9/16 (700)
External dimensions, gross height in inches	43 1/8 (1095)
External dimensions, gross width in inches	47 1/4 (1200)
External dimensions, gross depth in inches (mm)	31 1/2 (800)
Wash cabinet, usable height in inches	20 1/2 (520)
Wash cabinet, usable width in inches	20 7/8 (530)
Wash cabinet, depth of upper basket in inches	18 11/16 (474)
Net weight in lbs	207.23 (94)
Wash cabinet, depth of lower basket in inches	20 1/2 (520)
Gross weight in lbs	279.98 (127)
Maximum floor load in N/m^2	1220
Emission values	
Emission sound pressure level in the workplace	≤70 dB(A) re 20 µPa
Heat dissipation into the room in MJ/h	1.44
Programs	
Standard	•
Intensive	•
Extra short	•
Universal	•
Inorganica	•
Organica	•
Agar	•
Injector Plus	•
Pipettes	•

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Plastics	•
Oil	•
Hygiene 93/10	•
Pasteurizing	•
Cold water rinse	•
DI water rinse	•
Features	
Additional integrated dispenser pumps (optional)	•
1 dispenser pump for liquid cleaning agent	•
Volume-flow control	•
1 dispenser pump for neutralizing agent	•
Interface for process documentation (optional)	•
Additional integrated dispenser pump 5–10 L (optional)	•
Suction wand for media canisters 10–20 L (optional)	•
DS5 Flex suction lance	•
Customer Service interface	•
Steam condenser	•
Spray pressure monitoring	•
Extensive components (option)	•
Spray arm monitoring	•
Conductivity monitoring	•
How-to sequences	•
Chamber lighting	•
Multi-component filter system	•
Variable-speed heating pump	•
Load carrier – direct coupling	•
DryPlus	•
Door salt container	•
Setting options for process chemicals (3 x 5 l/2 x 10 l)	•
Wash cabinet seamlessly welded using laser technology	•
Heating elements outside the wash cabinet	•
SimpleLoad	•
Wash cabinet made of high-quality stainless steel (1.4301/304)	•
Connection options	
Wi-Fi	•
Ethernet interface (optional)	•
Standards, test certificates, and symbols	
IP safety class according to EN 60529: IP 21	•
EN 61010-2-040	•
EN 61010-1	•