Miele

PLW 8693 [DS5 CM MON]
Laboratory dishwasher
with liquid dispensing, DryPlus hot air drying and monitoring package.

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

EAN: 4002516885443 / Material number: 12800730 /
Old Material Number: 62869330EX1

Construction type and version	
Construction type	Freestanding, can be built-under, slimline
Control panel colour	Black
Casing	Stainless steel
Can be built-under	•
Number of wash levels	2
AutoClose — automatic door lock	•
Buzzer, acoustic signal at end of programme	•
Service-friendly design	•
Application	
Suitable for laboratories	•
Capacity	
Narrow-necked 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 l/min	500
Wash cabinet usable capacity in l	145,00
Shortest programme running time in min	20
Tested operating hours	15000
Maximum final rinse temperature in °C	93
Control system	
Control type	M Touch Flex
Max. delay start in h	24
Programmability	programmable
Programmes [number]	20
Free programme positions [number]	10
Automatic programme restart	•
Time left display	•
Programme sequence display	•
Selectable display languages	•
Standard electrical connection	
Electrical connection	3N AC 400V 50HZ
Electric heater rating in kW	8,50
Total rated load in kW	9,30
Fuse rating in A	16
Length of mains connection cable in m	1,90
Possible voltage variant 1	
Electrical connection	AC 230V 50HZ
Electric heater rating in kW	2,50
Total rated load in kW	3,30
Fuse rating in A	16
Water connection/drainage	
Cold water [number]	1
Hot water [number]	1

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Required flow pressure in kPa	200-1000
DI water [number]	1
Maximum delivery head for drain pump in cm	100
Maximum water hardness (cold water/hot water) in mmol/l	10,70
VEP feed pump for demineralised water (option)	⬩
Drain pump [DN]	22
Integrated water softener	⬩
Water protection system	Waterproof system
Dimensions and weight	
External dimensions, net height in mm	835
External dimensions, net width in mm	598
External dimensions, net depth in mm	598
Wash cabinet, usable height in mm	520
Wash cabinet, usable width in mm	530
Net weight in kg	74
Drying unit	
Integrated drying unit	⬩
Fan in kW	0,30
Heater element in kW	2,20
Air throughput in m³/h	60
Time setting in 1-minute increments	0-120
HEPA filter class	H13
HEPA filter filtration efficiency (in accordance with DIN EN 1822) in %	>99,95
Dimensions and weight	
External dimensions, gross height in mm	920
External dimensions, gross width in mm	670
External dimensions, gross depth in mm	740
Wash cabinet, depth of upper basket in mm	474
Wash cabinet, depth of lower basket in mm	520
Gross weight in kg	81
Maximum floor load in N/m²	1220
Emissions data	
Emission sound pressure level in the workplace	<70 dB(A) re 20 µPa
Heat dissipation into the room in MJ/h	5,40
Programmes	
Standard	⬩
Intensive	⬩
Features	
Volume flow control	⬩
Customer Service interface	⬩
Extensive components (option)	⬩
Programmes	
Extra short	⬩
Standard Eco	⬩
Universal	⬩
Inorganic	⬩
Organic	⬩
Agar	⬩

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Injector Plus	•
Vials	•
Pipettes	•
Plastics	•
Oil	•
Pasteurising	•
Cold water rinse	•
Demineralised water rinse	•
Features	
1 dispenser pump for liquid cleaning agent	•
Suction lance for media canisters 10—20 l (optional)	•
DS5 Flex suction lance	•
Steam condenser	•
Spray pressure monitoring	•
Spray arm monitoring	•
Conductivity monitoring	•
How-to sequences	•
Chamber lighting	•
Multi-component filter system	•
Variable-speed heater pump	•
Load carrier — direct coupling	•
DryPlus	•
In-door salt container	•
Wash cabinet seamlessly welded using laser technology	•
Heater elements outside wash cabinet	•
Wash cabinet made from high-quality stainless steel (1.4301/304)	•
Connection options	
External dispensing modules	•
Standards, test certificates and symbols	
VDE (electrical safety)	•
IP safety class according to EN 60529: IP 21	•
EN 61010-2-040	•
RoHS guideline 2011/65/EU	•
Standards, test certificates and symbols	
EN 61010-1	•