

PLW 8683 [OIL LD DS10]

Laboratory dishwasher

with AD water connection, liquid dispensing, EcoDry function & oil seals.



- Performance/cycle, e.g. 128 laboratory bottles
- Flexible and simple – modular load carriers & EasyLoad system
- Maximum user convenience with M Touch Flex full-touch colour display
- Convenient drying support – EcoDry
- Connectivity as standard via WiFi
- Efficient use of resources – variable speed heater pump

EAN: 4002516884408 / Material number: 12799400 /
Old Material Number: 62868344AUS

Construction type and version

Construction type	Freestanding, can be built-under, slimline
Range	ExpertLine
Control panel colour	Black
Casing	Stainless steel
Lid	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	•
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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
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]	19
Free programme positions [number]	10
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	15-16
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	15-16

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

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	83
Maximum floor load in N/m ²	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	•

Programmes

Extra short	•
Universal	•
Inorganic	•
Organic	•
Agar	•
Injector Plus	•
Pipettes	•
Plastics	•
Oil	•
Hygiene 93/10	•
Pasteurising	•
Cold water rinse	•
Demineralised water rinse	•

Features

1 dispenser pump for liquid cleaning agent	•
1 dispenser pump for neutralising agent	•
Suction lance for media canisters 10–20 l (optional)	•
DS10 Flex suction lance	•

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Steam condenser	•
Spray pressure monitoring	•
How-to sequences	•
Wash cabinet lighting	•
Interface for process documentation (optional)	•
Multi-component filter system	•
Variable-speed heater pump	•
Load carrier – direct coupling	•
EcoDry	•
In-door salt container	•
Customer Service optical interface	•
Wash cabinet seamlessly welded using laser technology	•
Heater elements outside wash cabinet	•
EasyLoad	•
Oil and grease-resistant seals	•
Wash cabinet made from high-quality stainless steel (1.4301/304)	•
Extensive components (option)	•
Connection options	
WiFi	•
Ethernet interface (optional)	•
External dispensing modules	•
Standards, test certificates and symbols	
IP safety class according to EN 60529: IP 21	•
EN 61010-1	•
EN 61010-2-040	•
RCM	•
WaterMark	•