

## PLW 8683 [LD DC10]

Laboratory dishwasher

with AD water connection, liquid dispensing & EcoDry function.



- Perf./cycle, e.g. 128 laboratory flasks
- 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: 4002516883951 / Material number: 12798760 /  
Old Material Number: 62868338GB

### Construction type and version

Construction type	Freestanding, can be built-under, slimline
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Range	ExpertLine
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Control panel colour	Black
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Casing	Stainless steel
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Can be built-under	•
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Lid	Stainless Steel
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Number of wash levels	2
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AutoClose – automatic door lock	•
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Buzzer, acoustic signal at end of programme	•
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Service-friendly design	•
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### Application

Suitable for laboratories	•
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### Capacity

Narrow-necked glassware per cycle [number]	64
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Test tubes per cycle [number]	196
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Vials per cycle [number]	196
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Laboratory flasks per cycle [number]	128
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Pipettes per cycle [number]	98
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### Performance data

Circulation pump, Qmax in l/min	500
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Wash cabinet usable capacity in l	145.00
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Tested operating hours	15000
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Maximum final rinse temperature in °C	93
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### Control system

Control type	M Touch Flex
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Max. delay start in h	24
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Programmability	programmable
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Programmes [number]	19
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Free programme positions [number]	10
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Time left display	•
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Programme sequence display	•
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Selectable display languages	•
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### Standard electrical connection

Electrical connection	AC 230V 50HZ
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Electric heater rating in kW	5.50
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Total rated load in kW	6.30
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Fuse rating in A	32
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Length of mains connection cable in m	1.90
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### Possible voltage variant 1

Electrical connection	AC 230V 50HZ
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### Water connection/drainage

Cold water [number]	1
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Hot water [number]	1
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Required flow pressure in kPa	200-1000
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DI water [number]	1
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Maximum delivery head for drain pump in cm	100
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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

External dimensions, gross height in mm 920

External dimensions, gross width in mm 670

External dimensions, gross depth in mm 740

Wash cabinet, usable height in mm 520

Wash cabinet, usable width in mm 530

Wash cabinet, depth of upper basket in mm 474

Net weight in kg 74

Wash cabinet, depth of lower basket in mm 520

Gross weight in kg 81

Maximum floor load in N/m<sup>2</sup> 1220

### Emissions data

Emission sound pressure level in the workplace ≤70 dB(A) re 20 µPa

Heat dissipation into the room in MJ/h 1.44

### Programmes

Standard •

Intensive •

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) •

Convenient suction lance DC10 •

Steam condenser •

Spray pressure monitoring •

How-to sequences •

Wash cabinet lighting •

Interface for process documentation (optional) •

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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	•
Wash cabinet made from high-quality stainless steel (1.4301/304)	•
Extensive components (option)	•
<b>Connection options</b>	
WiFi	•
Ethernet interface (optional)	•
External dispensing modules	•
<b>Standards, test certificates and symbols</b>	
IP safety class according to EN 60529: IP 21	•
EN 61010-1	•
EN 61010-2-040	•
Regulation 4 compliant	•
Machinery Directive 2006/42/EC	•
KIWA certificate for water safety	•