

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 |
| Range | ExpertLine |
| Control panel colour | Black |
| Casing | Stainless steel |
| Can be built-under | • |
| Lid | Stainless Steel |
| 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 |
| 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 | AC 230V 50HZ |
| Electric heater rating in kW | 5.50 |
| Total rated load in kW | 6.30 |
| Fuse rating in A | 32 |
| Length of mains connection cable in m | 1.90 |

Possible voltage variant 1

| | |
|-----------------------|--------------|
| Electrical connection | AC 230V 50HZ |
|-----------------------|--------------|

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 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 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 | 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) | • |
| 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 | • |
| Regulation 4 compliant | • |
| Machinery Directive 2006/42/EC | • |
| KIWA certificate for water safety | • |