

PLW 8683 CD [DC5 CM]

Laboratory dishwasher

with liquid dispensing, DryPlus, conductivity monitoring and monitoring package.



- 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
- Safety through monitoring – wash pressure and spray arm monitoring
- Efficient hot air drying – DryPlus
- Connectivity as standard via WiFi

EAN: 4002516884422 / Material number: 12799700 /

Old Material Number: 6286C324GB

Construction type and version

| | |
|---|--|
| Construction type | Freestanding, can be built-under, wide, with lid |
| 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

| | |
|-----------------------------------|--------------|
| Max. delay start in h | 24 |
| Programmability | programmable |
| Programmes [number] | 20 |
| 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

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 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 mm 835

External dimensions, net width in mm 898

External dimensions, net depth in mm 700

External dimensions, gross height in mm 1095

External dimensions, gross width in mm 1200

External dimensions, gross depth in mm 800

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 98

Wash cabinet, depth of lower basket in mm 520

Gross weight in kg 131

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 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 •

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Features

| | |
|--|---|
| 1 dispenser pump for liquid cleaning agent | • |
| 1 dispenser pump for neutralising agent | • |
| Additional integrated dispensing pump 5–10 l (optional) | • |
| Suction lance for media canisters 10–20 l (optional) | • |
| Convenient suction lance DC5 | • |
| Additional integrated dispenser pumps (optional) | • |
| Volume flow control | • |
| Steam condenser | • |
| Spray pressure monitoring | • |
| Spray arm monitoring | • |
| Conductivity monitoring | • |
| How-to sequences | • |
| Wash cabinet lighting | • |
| Interface for process documentation (optional) | • |
| Multi-component filter system | • |
| Variable-speed heater pump | • |
| Load carrier – direct coupling | • |
| DryPlus | • |
| In-door salt container | • |
| Customer Service optical interface | • |
| Setting options for process chemicals (3 x 5 l / 2 x 10 l) | • |
| 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) | • |

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 | • |