

PLW 8683 CD [ADP DC5 CM]

Laboratory dishwasher

with pump for AD water, liquid dispensing, DryPlus & conductivity monitoring.



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

EAN: 4002516953791 / Material number: 12934910 /
Old Material Number: 6286C330GB

| 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 |
| Shortest programme running time in min | 20 |
| Tested operating hours | 15000 |
| Maximum final rinse temperature in °C | 93 |
| Miele MOVE | |
| Miele MOVE Connect (option) | • |
| Control system | |
| Control type | M Touch Flex |
| 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 | 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 |

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| Water connection/drainage | |
|---|---------------------|
| Cold water [number] | 1 |
| Hot water [number] | 1 |
| Required flow pressure in kPa | 200-1000 |
| Maximum delivery head for drain pump in cm | 100 |
| Maximum water hardness (cold water/hot water) in mmol/l | 10.70 |
| VEP – with feed pump for DI water [number] | 1 |
| 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 |
| Total rated load in kW | 2.60 |
| Air throughput in m ³ /h | 60 |
| Temperature setting in 1 °C increments | 50-115 |
| 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/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 | • |

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| | |
|--|---|
| 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 | • |
| 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 | • |
| 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 | |
| CE | • |
| VDE (electrical safety) | • |
| IP safety class according to EN 60529: IP 21 | • |
| EN 61010-1 | • |
| EN 61010-2-040 | • |
| RoHS guideline 2011/65/EU | • |
| Regulation 4 compliant | • |
| Machinery Directive 2006/42/EC | • |
| KIWA certificate for water safety | • |