

PLW 8636 [LAB]

Laboratory washer

with liquid dispensing, DryPlus hot air drying and oil-resistant door seal.



- Performance/cycle, e.g. 128 ST laboratory bottles or 98 ST pipettes
- Comprehensive, fully flexible programming for your requirements
- Powerful, variable-speed and highly robust pump
- Drying unit DryPlus for challenging laboratory glassware
- Flexible and simple – modular load carriers & EasyLoad system
- Functional enhancement made possible with retrofitting kits

EAN: 4002516824633 / Material number: 12637970 /
Old Material Number: 62863601EX1

| Construction type and version | |
|---|------------------------------|
| Construction type | Freestanding appliance, wide |
| Range | ExpertLine |
| Control panel colour | Stainless steel |
| Casing | Stainless steel |
| Lid | Stainless Steel |
| Number of wash levels | 2 |
| Electric door lock | • |
| Service-friendly design | • |
| Application | |
| Suitable for laboratories | • |
| Capacity | |
| Narrow-necked glassware per cycle [number] | 128 |
| Test tubes per cycle [number] | 196 |
| Laboratory flasks per cycle [number] | 128 |
| Pipettes per cycle [number] | 98 |
| Performance data | |
| Circulation pump, Qmax in l/min | 600 |
| Wash cabinet usable capacity in l | 146,00 |
| Shortest programme running time in min | 62 |
| Tested operating hours | 15000 |
| Maximum final rinse temperature in °C | 93 |
| Control system | |
| Control type | SPS |
| Max. delay start in h | 24 |
| Programmability | Freely programmable |
| Programmes [number] | 24 |
| Free programme positions [number] | 50 |
| Time left display | • |
| Selectable display languages | • |
| Standard electrical connection | |
| Electrical connection | 3N AC 400V 50HZ |
| Electric heater rating in kW | 7,00 |
| Total rated load in kW | 9,20 |
| Fuse rating in A | 16 |
| Length of mains connection cable in m | 2,65 |
| Water connection/drainage | |
| Cold water [number] | 1 |
| Cold water for steam condenser [number] | 2 |
| Hot water [number] | 1 |
| Required flow pressure in kPa | 200-1000 |
| DI water [number] | 1 |
| Maximum delivery head for drain pump in cm | 170 |
| Maximum water hardness (cold water/hot water) in mmol/l | 10,70 |
| Drain pump [DN] | 22 |
| Required flow pressure for pressureless DI water in kPa | 8,5-60,0 |
| Integrated water softener | • |

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| | |
|---|--------------------|
| Water protection system | Waterproof system |
| Dimensions and weight | |
| External dimensions, net height in mm | 1430 |
| External dimensions, net width in mm | 900 |
| External dimensions, net depth in mm | 700 |
| Wash cabinet, usable height in mm | 520 |
| Wash cabinet, usable width in mm | 530 |
| Net weight in kg | 200 |
| Drying unit | |
| Fan in kW | 0,30 |
| Heater element in kW | 2,30 |
| Air throughput in m ³ /h | 66 |
| Time setting in 1-minute increments | 1-240 |
| HEPA filter class | H14 |
| HEPA filter filtration efficiency (in accordance with DIN EN 1822) in % | 99,99 |
| HEPA filter service life in h | 500 |
| Dimensions and weight | |
| External dimensions, gross height in mm | 1593 |
| External dimensions, gross width in mm | 1080 |
| External dimensions, gross depth in mm | 850 |
| Wash cabinet, depth of upper basket in mm | 470 |
| Wash cabinet, depth of lower basket in mm | 520 |
| Gross weight in kg | 226 |
| Maximum floor load in N/m ² | 5000 |
| Emissions data | |
| Emission sound pressure level in the workplace | 65 dB(A) re 20 µPa |
| Heat dissipation into the room in MJ/h | 4,32 |
| Programmes | |
| Standard | • |
| Intensive | • |
| Programmes | |
| Standard Plus | • |
| Universal | • |
| Universal Plus | • |
| Intensive Plus | • |
| Inorganic | • |
| Inorganic Plus | • |
| Organic | • |
| Organic Plus | • |
| Agar | • |
| Agar Plus | • |
| Vials Plus | • |
| Pipettes | • |
| Plastics | • |
| Plastics Plus | • |
| Mini | • |
| Mini Plus | • |
| Oil | • |

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| | |
|--|---|
| Oil Plus | • |
| Hygiene 93/10 | • |
| Hygiene 93/10 Plus | • |
| Pasteurising | • |
| Features | |
| 2 integrated dispenser pumps and containers for liquid media | • |
| Additional integrated dispensing pump 5–10 l (optional) | • |
| Suction lance for media canisters 10–20 l (optional) | • |
| Automatic empty level detection | • |
| Additional integrated dispenser pumps (optional) | • |
| Dispensing monitoring with oval-wheel counter (option) | • |
| Steam condenser | • |
| Connection for external recycling tank (option) | • |
| Spray pressure monitoring | • |
| Redundant temperature monitoring | • |
| Retrofitting kit for potential-free contacts (optional) | • |
| Retrofitting kit for Rec in potential-free contacts (optional) | • |
| Retrofitting kit for Rec out potential-free contacts (optional) | • |
| Triple water filter system | • |
| Interface for process documentation | • |
| Pump with high circulation rate | • |
| Load carrier – direct coupling | • |
| Salt container in the wash cabinet ceiling | • |
| USB Customer Service 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 | • |
| Oil and grease-resistant seals | • |
| Wash cabinet made from high-quality stainless steel (1.4301/304) | • |
| Extensive components (option) | • |
| Connection options | |
| Ethernet interface | • |
| Standards, test certificates and symbols | |
| CE | • |
| VDE (electrical safety) | • |
| IP safety class according to EN 60529: IP 21 | • |
| RoHS guideline 2011/65/EU | • |
| Machinery Directive 2006/42/EC | • |
| KIWA certificate for water safety | • |