PLW 8636 [LAB MON]
Laboratory washer
w. liquid dispensing, DryPlus, process monitoring and oil-resistant door seals.

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

EAN: 4002516824640 / Material number: 12637980 /
Old Material Number: 62863602EX1

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)	•
DOS monitoring (optional)	•
Automatic empty level detection	•
Additional integrated dispenser pumps (optional)	•
Dispensing monitoring with oval-wheel counter	•
Steam condenser	•
Connection for external recycling tank (option)	•
Spray pressure monitoring	•
Spray arm monitoring	•
Conductivity 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	•