

PLW 7111 [S-1043 480V]

SlimLine laboratory glassware washer, with electric heating, hot air drying drain pump, capacitor, container, conductivity meter.



- Performance/cycle 192 narrow necked glassware or 98 pipettes – 8.511 (241) ft³ (l) usable capacity
- Simple and flexible – SimpleLoad with flexible level positions
- Efficient – powerful pump performance with variable-speed pump
- High capacity – reprocessing of laboratory flasks up to 50 l

EAN: 4002516950844 / Material number: 12929070 /
Old Material Number: 62711162USA

Construction type and design

Construction type	Freestanding appliance, 1 glass hinged door
Product line	SlimLine
Heating type	Electricity
Front / back	Stainless Steel
Side panels	Stainless steel
Single / multiple installations	•
Slimline construction type	•
Number of wash levels	3
Loading and unloading with telescopic rails	•
Electric door lock	•
Buzzer, acoustic signal at end of program	•
Easy-to-service construction	•

Application

Suitable for laboratories	•
Suitable for industrial applications	•

Capacity

Narrow necked glassware per cycle [number]	192
Laboratory flasks per cycle [number]	108
Pipettes per cycle [number]	98
Maximum load in kg	60

Performance data

Circulation pump, Qmax in gal/min (l/min.)	198.15 (750)
Usable wash cabinet volume in cu.ft (L)	8.51 (241) ft ³ (l)

Controls

Control type	TouchControl
Program selection	Full-touch colour display
Programmability	Freely programmable
Programs [number]	23
Free program slots [number]	20
Program sequence indicator	•
Choice of display language	•

Standard electrical connection

Electrical connection	3 AC 480V 60HZ
Heater rating in kW	8.40
Total rated load in kW	11.00
Fuse rating in A	20
Length of power cord in m	15.74 (4.00)

Water connection/drainage

Cold water [number]	1
Hot water [number]	1
Fully demineralized water [number]	1
Required flow pressure in kPa	100-600
Maximum water hardness (cold water / hot water) in mmol/l	4.09 (0.70)
Drain pump [DN]	25

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Drying unit	
Drying unit heating type	Electricity
Air throughput in ft ³ /min (m ³ /h)	76.52 (130) ft ³ /min (m ³ /h)
Time settings in 1-minute steps	0-60
HEPA filter class	H14
HEPA-filter filtration efficiency (DIN EN 1822) in %	99.99
Electric heater rating in kW	4.00
Dimensions and weight	
External dimensions, net height in in. (mm)	76 7/16 (1940) in (mm)
External dimensions, net width in in. (mm)	25 5/8 (650) in (mm)
External dimensions, net depth in in. (mm)	27 11/16 (702) in (mm)
External dimensions, gross height in in. (mm)	83 1/8 (2110)
External dimensions, gross width in in. (mm)	37 1/4 (945)
External dimensions, gross depth in in. (mm)	33 1/8 (840)
Wash cabinet, height in in. (mm)	28 1/4 (717)
Wash cabinet, width in in. (mm)	22 1/2 (570)
Wash cabinet, depth in in. (mm)	23 1/4 (590)
Rack height above floor in in. (mm)	33 1/2 (850)
Net weight in lb (kg)	554 (251)
Gross weight in lb (kg)	574 (260)
Maximum floor load in N/m ²	680
Emission values	
Sound pressure LpA in cleaning and drying according to DIN EN ISO 11201	68 dB(A) re 20 µPa
Heat dissipation into the room in MJ/h	0.80
Programs	
Hygiene	•
Laboratory glassware reprocessing	•
Plastics	•
Features	
2 integrated diaphragm dispenser pumps for liquid media	•
Additional integrated dispenser pumps (option)	2
Heated tank for preheating fully demineralized water	•
Steam condenser	•
Volume flow control	•
Conductivity monitoring	•
Interface for process documentation	•
Multi-component filter system	•
Load carrier – direct coupling	•
Integrated hot-air drying	•
Miele Cloud Service (not available in Canada)	•
SimpleLoad	•
Wash cabinet made of high-quality stainless steel (1.4404 / 316L), electropolished	•
SlimLine mobile base	•
Variable-speed pump	•
Coloured chamber lighting	•
Modular basket design	•
Chamber lighting	•

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Connection options

Ethernet interface	•
Wi-Fi	•
USB interface	•
Peak-load negotiation / energy management	•

Standards / certs / symbols

CE	•
EN 61010-1	•
EN 61010-2-040	•
RoHS Directive 2011/65/EU	•
UL	•
Machinery Directive 2006/42/EC	•