

PLW 7111 [S-1021 480V]

SlimLine laboratory glassware washer, with electric heating, hot air drying steam condenser, heated tank, conductivity sensor.



- 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: 8051520001956 / Material number: 12025720 / Old Material Number: 62711131USA

Construction type and design	
Construction type	Freestanding appliance, 1 glass hinged door
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
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	16
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
Integrated water softener	•
Maximum water hardness (cold water / hot water) in mmol/l	4.09 (0.70)
Drain pump [DN]	25
Drain valve [DN]	38
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

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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)	77 3/8 (1965) in (mm)
External dimensions, net width in in. (mm)	25 5/8 (650) in (mm)
External dimensions, net depth in in. (mm)	27 9/16 (700) 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	
Thermal disinfection	•
Laboratory glassware reprocessing	•
Plastics	•
Features	
2 integrated diaphragm dispenser pumps for liquid media	•
Additional integrated dispenser pumps	2
Heated tank for preheating fully demineralized water	•
Volume flow control	•
Conductivity monitoring	•
Interface for process documentation	•
Multi-component filter system	•
Load carrier – direct coupling	•
Integrated hot-air drying	•
Miele Cloud Service	•
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	•
Connection options	
Ethernet interface	•
USB interface	•
Peak-load negotiation / energy management	•
Standards / certs / symbols	
CE	•
EN 61010-1	•

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EN 61010-2-040

RoHS Directive 2011/65/EU

UL

Machinery Directive 2006/42/EC

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