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-neck glassware or 98 pipettes – 8.511 (241) ft³ (l) usable capacity
- Simple and flexible – SimpleLoad with flexible level positions
- Efficient – high pump performance with the variable-speed pump
- High capacity – reprocessing of laboratory flasks up to 13 gal

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

Construction type and design	
Model	Freestanding appliance, 1 glass hinged door
Range	SlimLine
Heating type	Electricity
Front/back	Stainless Steel
Side panels	Stainless steel
Single/multiple installations	•
SlimLine design	•
Number of wash levels	3
Loading and unloading with telescopic runners	•
Electric door lock	•
Buzzer, acoustic signal at end of program	•
Easy-to-service construction	•
Application	
Suitable for laboratories	•
Suitable for industrial applications	•
Capacity	
Narrow-neck glassware per cycle [number]	192
Laboratory flasks per cycle [number]	108
Pipettes per cycle [number]	98
Maximum load in lb (kg)	60
Performance data	
Circulation pump, Qmax in gal/min (l/min)	198.15 (750)
Usable wash cabinet volume in L	8.51 (241)
Control	
Control system	TouchControl
Program selection	Full-touch colour display
Programmability	Freely programmable
Programs [number]	23
Free program slots [number]	20
Program-cycle display	•
Choice of display languages	•
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 ft (m)	15.74 (4.00)
Water connection/drainage	
Cold water [number]	1
Hot water [number]	1
DI water [number]	1
Required flow pressure in kPa	100 - 600
Integrated water softener	•
Maximum water hardness (cold water/hot water) in gpg (mmol/l)	4.09 (0.70)
Drain pump [DN]	25

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Drain valve [DN]	38
Drying unit	
Drying unit heating type	Electricity
Air throughput in m^3/h	76.52 (130)
Time settings in 1-minute steps	0 - 60
HEPA-filter class	H14
HEPA-filter filtration efficiency (in accordance with DIN EN 1822) in %	99.99
Electric heater rating in kW	4.00
Dimensions and weight	
External dimensions, net height in inches	76 7/16 (1940) in (mm)
External dimensions, net width in inches	25 5/8 (650) in (mm)
External dimensions, net depth in inches	27 11/16 (702) in (mm)
External dimensions, gross height in inches	83 1/8 (2110)
External dimensions, gross width in inches	37 1/4 (945)
External dimensions, gross depth in inches	33 1/8 (840)
Wash cabinet, height in inches	28 1/4 (717)
Wash cabinet, width in inches	22 1/2 (570)
Wash cabinet, depth in inches	23 1/4 (590)
In-feed height above floor in inches	33 1/2 (850)
Net weight in lbs	554 (251)
Gross weight in lbs	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 DI 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	•
SimpleLoad	•
Wash cabinet made of high-quality stainless steel (1.4404/316L), electropolished	•
SlimLine mobile base	•
Variable-speed pump	•
Multicolored chamber lighting	•

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Modular basket design	•
Chamber lighting	•
Connection options	
Ethernet interface	•
WiFi	•
USB interface	•
Peak-load negotiation / energy management	•
Standards, test certificates, and symbols	
CE	•
EN 61010-1	•
EN 61010-2-040	•
RoHS Directive 2011/65/EU	•
UL	•
Machinery Directive 2006/42/EC	•