

## PLW 7111 [S-1029]

SlimLine laboratory glasswasher, with electric heating, hot air drying  
drain pump, capacitor, water softener, container, printer.



- Performance/cycle 192 narrow-necked glasses or 98 pipettes – 241 l usable capacity
- Simple and flexible – EasyLoad with flexible level positions
- Efficient – strong pump power with the variable-speed pump
- High capacity – reprocessing of laboratory flasks up to 50 l

EAN: 4002516552130 / Material number: 12025440 /  
Old Material Number: 62711108EX1

| <b>Construction type and version</b>                    |                                    |
|---|------------------------------------|
| Construction type                                       | Freestanding, 1 glazed hinged door |
| Type of heating   | 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 runners           | •                                  |
| Electric door lock                                      | •                                  |
| Buzzer, acoustic signal at end of programme             | •                                  |
| Service-friendly design                                 | •                                  |
| <b>Application</b>                                      |                                    |
| Suitable for laboratories                               | •                                  |
| Suitable for industrial applications                    | •                                  |
| <b>Capacity</b>   |                                    |
| Narrow-necked glassware per cycle [number]              | 192                                |
| Laboratory flasks per cycle [number]                    | 108                                |
| Pipettes per cycle [number]                             | 98                                 |
| <b>Performance data</b>                                 |                                    |
| Circulation pump, Qmax in l/min                         | 750                                |
| Wash cabinet usable capacity in l                       | 241                                |
| <b>Control system</b>                                   |                                    |
| Control type  | TouchControl                       |
| Programme selection                                     | Full-touch colour display          |
| Programmability   | Freely programmable                |
| Programmes [number]                                     | 23                                 |
| Free programme positions [number]                       | 20                                 |
| Programme sequence display                              | •                                  |
| Selectable display languages                            | •                                  |
| <b>Standard electrical connection</b>                   |                                    |
| Electrical connection                                   | 3N AC 380-415V 50HZ                |
| Heater rating in kW                                     | 8,40                               |
| Total rated load in kW                                  | 10,10                              |
| Fuse rating in A  | 16                                 |
| Length of mains connection cable in m                   | 4,00                               |
| <b>Water connection/drainage</b>                        |                                    |
| 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 mmol/l | 0,70                               |
| Drain pump [DN]   | 25                                 |
| Drain valve [DN]  | 38                                 |
| <b>Drying unit</b>                                      |                                    |
| Drying unit heating type                                | Electricity                        |

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|   |                    |
|---|--------------------|
| Air throughput in m <sup>3</sup> /h   | 130                |
| Time setting in 1-minute increments   | 0-60               |
| HEPA filter class   | H14                |
| HEPA filter filtration efficiency (DIN EN 1822) in %                                | 99,99              |
| Electric heater rating in kW  | 4,00               |
| <b>Dimensions and weight</b>  |                    |
| External dimensions, net height in mm   | 1965               |
| External dimensions, net width in mm  | 650                |
| External dimensions, net depth in mm  | 702                |
| External dimensions, gross height in mm   | 2110               |
| External dimensions, gross width in mm  | 945                |
| External dimensions, gross depth in mm  | 840                |
| Wash cabinet, height in mm  | 717                |
| Wash cabinet, width in mm   | 570                |
| Wash cabinet, depth in mm   | 590                |
| Rack height above floor in mm   | 850                |
| Net weight in kg  | 251                |
| Gross weight in kg  | 260                |
| Maximum floor load in N/m <sup>2</sup>  | 680                |
| <b>Emissions data</b>   |                    |
| Sound pressure LpA in cleaning and drying according to<br>DIN EN ISO 11201          | 68 dB(A) re 20 µPa |
| Heat dissipation into the room in MJ/h  | 0,80               |
| <b>Programmes</b>   |                    |
| Thermal disinfection  | •                  |
| Laboratory glassware reprocessing   | •                  |
| Plastics  | •                  |
| <b>Features</b>   |                    |
| 2 integrated diaphragm dispenser pumps for liquid media                             | •                  |
| Additional integrated dispenser pumps   | 2                  |
| Heated tank for pre-heating DI water  | •                  |
| Volume flow control   | •                  |
| Interface for process documentation   | •                  |
| Multi-component filter system   | •                  |
| Load carrier – direct coupling  | •                  |
| Integrated hot air drying   | •                  |
| Miele Cloud Service   | •                  |
| Integrated printer for process documentation  | •                  |
| EasyLoad  | •                  |
| Setting options for process chemicals (3 x 5 l)                                     | •                  |
| Wash cabinet made of high-quality stainless steel<br>(1.4404/316L), electropolished | •                  |
| SlimLine mobile plinth  | •                  |
| Variable-speed pump   | •                  |
| Multi-coloured chamber lighting   | •                  |
| Modular basket design   | •                  |
| Chamber lighting  | •                  |
| <b>Connection options</b>   |                    |
| Ethernet interface  | •                  |

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USB interface

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Peak-load negotiation / energy management

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### Standards, test certificates and symbols

CE

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EN 61010-1

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EN 61010-2-040

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RoHS guideline 2011/65/EU

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Machinery Directive 2006/42/EC

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