

PG 8593 [WW AD]  
Laboratory dishwasher  
with liquid dispensing & hot air drying DryPlus.



- Performance/cycle, e.g. 128 laboratory bottles
- Safety through monitoring – wash pressure and spray arm monitoring
- Efficient hot air drying – DryPlus
- Total security – link to process documentation possible

EAN: 4002515566336 / Material number: 10096900 / Old Material Number: 62859301GB

<b>Construction type and version</b>	
Construction type	Freestanding, can be built-under, slimline
Casing	Stainless steel
Can be built-under	•
AutoClose – automatic door lock	•
Buzzer, acoustic signal at end of programme	•
Service-friendly design	•
<b>Application</b>	
Suitable for laboratories	•
<b>Capacity</b>	
Laboratory flasks per cycle [number]	128
Pipettes per cycle [number]	98
<b>Performance data</b>	
Circulation pump, Qmax in l/min	500
Wash cabinet usable capacity in l	145.00
Tested operating hours	15000
Maximum final rinse temperature in °C	93
<b>Control system</b>	
Control type	TouchControl
Programme selection	Touch on MSetal
Direct-access pushbuttons	•
Max. delay start in h	24
Programmability	programmable
Programmes [number]	15
Free programme positions [number]	2
A0 value controls	•
Automatic programme restart	•
Time left display	•
Programme sequence display	•
Selectable display languages	•
<b>Standard electrical connection</b>	
Electrical connection	3N AC 400V 50HZ
Electric heater rating in kW	8.50
Total rated load in kW	9.30
Fuse rating in A	15-16
Length of mains connection cable in m	1.90
<b>Possible voltage variant 1</b>	
Electrical connection	AC 230V 50HZ
Electric heater rating in kW	5.50
Total rated load in kW	6.30
Fuse rating in A	30-32
<b>Possible voltage variant 2</b>	
Electrical connection	AC 230V 50HZ
Electric heater rating in kW	2.50
Total rated load in kW	3.30
Fuse rating in A	15-16
<b>Water connection/drainage</b>	
Cold water [number]	1
Cold water for steam condenser [number]	1

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Hot water [number]	1
Required flow pressure in kPa	200-1000
DI water [number]	1
Maximum delivery head for drain pump in cm	100
Maximum water hardness (cold water/hot water) in mmol/l	10.70
Drain pump [DN]	22
Integrated water softener	•
Water protection system	Waterproof system
<b>Dimensions and weight</b>	
Net weight in kg	78
<b>Drying unit</b>	
Integrated drying unit	•
Fan in kW	0.30
Heater element in kW	2.20
Total rated load in kW	2.50
Air throughput in m <sup>3</sup> /h	60
Temperature setting in 1 °C increments	50-115
Time setting in 1-minute increments	0-120
HEPA filter class	H13
HEPA filter filtration efficiency (in accordance with DIN EN 1822) in %	99.95
HEPA filter service life in h	200
<b>Dimensions and weight</b>	
External dimensions, net height in mm	835
External dimensions, net width in mm	600
External dimensions, net depth in mm	600
External dimensions, gross height in mm	940
External dimensions, gross width in mm	675
External dimensions, gross depth in mm	745
Wash cabinet, usable height in mm	520
Wash cabinet, usable width in mm	530
Wash cabinet, depth of upper basket in mm	474
Wash cabinet, depth of lower basket in mm	520
Gross weight in kg	85
<b>Emissions data</b>	
Emission sound pressure level in the workplace	<70 dB(A) re 20 µPa
Heat dissipation into the room in MJ/h	1.40
<b>Programmes</b>	
Standard	•
Intensive	•
<b>Features</b>	
Interface for process documentation (optional)	•
Customer Service interface	•
Extensive components (option)	•
<b>Programmes</b>	
Special 93 °C-10'	•
Universal	•
Inorganic	•
Organic	•
Injector Plus	•
Pipettes	•

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Plastics	•
Mini	•
Oil programme	•
<b>Features</b>	
1 dispenser pump for liquid cleaning agent	•
Steam condenser	•
Spray pressure monitoring	•
Spray arm monitoring	•
Multi-component filter system	•
Variable-speed heater pump	•
Load carrier – direct coupling	•
DryPlus	•
In-door salt container	•
Wash cabinet seamlessly welded using laser technology	•
Heater elements outside wash cabinet	•
Wash cabinet made from high-quality stainless steel (1.4301/304)	•
<b>Connection options</b>	
RS 232 serial interface (optional)	•
WiFi via DataDiary (optional)	•
Ethernet interface (optional)	•
External dispensing modules	•
<b>Standards, test certificates and symbols</b>	
VDE (electrical safety)	•
IP safety class according to EN 60529: IP 21	•
EN 61010-2-040	•
RoHS guideline 2011/65/EU	•
WRAS	•
Machinery Directive 2006/42/EC	•
<b>Standards, test certificates and symbols</b>	
EN 61010-1	•