

PG 8593 [WW AD 208V]
Laboratory glassware washer
with liquid dispensing & DryPlus drying.



- Performance/cycle, e.g., 128 laboratory bottles
- Safety through monitoring – wash pressure and spray arm monitoring
- 72% less water consumption compared to predecessor model*
- Efficient hot air drying – DryPlus
- Total security – link to process documentation possible

* compared to standard program for G 7893

EAN: 4002515642375 / Material number: 10250030 / Old Material Number: 62859301USA

Construction type and design	
Model	Freestanding appliance, can be built-under, slim
Outer casing	Stainless Steel
Can be built-under	•
AutoClose – Automatic door lock	•
Buzzer, acoustic signal at end of program	•
Easy-to-service construction	•
Application	
Suitable for laboratories	•
Capacity	
Laboratory flasks per cycle [number]	128
Pipettes per cycle [number]	98
Performance data	
Circulation pump, Qmax in gal/min (l/min)	132.1 (500)
Usable wash cabinet volume in l	5.12 (145.00)
Tested operating hours	15000
Maximum final rinse temperature in °F (in °C)	199 (93)
Control	
Control system	TouchControl
Program selection	Touch on Metal
Short cut buttons	•
Max. delay start in h	24
Programmability	programmable
Programs [number]	15
Free program slots [number]	2
A0 value controls	•
Automatic program restart	•
Time-left display	•
Program-cycle display	•
Choice of display languages	•
Standard electrical connection	
Electrical connection	3 AC 208V 60HZ
Electric heater rating in kW	5.40
Total rated load in kW	6.20
Fuse rating in A	20
Length of power cord in ft (m)	5 (1.80)
Possible voltage variant 1	
Electrical connection	2 AC 208V 60HZ
Electric heater rating in kW	5.40
Total rated load in kW	6.20
Fuse rating in A	30
Water connection/drainage	
Cold water [number]	1
Cold water for steam condenser [number]	1
Hot water [number]	1
Required flow pressure in kPa	200-1000
DI water [number]	1
Maximum delivery head for drain pump in inches (cm)	39 3/8 (100)

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Maximum water hardness (cold water/hot water) in gpg (mmol/l)	62.59 (10.70)
Drain pump [DN]	0.86 (22)
Integrated water softener	•
Water protection system	Waterproof system
Dimensions and weight	
Net weight in lbs	171.96 (78)
Drying unit	
Integrated drying unit	•
Fan in kW	0.30
Heating element in kW	2.20
Total rated load in kW	2.50
Air throughput in m³/h	60
Temperature settings in 1° steps	50-115
Time settings in 1-minute steps	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
Dimensions and weight	
External dimensions, net height in inches	32 7/8 (835)
External dimensions, net width in inches	23 5/8 (600)
External dimensions, net depth in inches	23 5/8 (600)
External dimensions, gross height in inches	37 1/16 (940)
External dimensions, gross width in inches	26 5/8 (675)
External dimensions, gross depth in inches (mm)	29 3/8 (745)
Wash cabinet, usable height in inches	20 1/2 (520)
Wash cabinet, usable width in inches	20 7/8 (530)
Wash cabinet, depth of upper basket in inches	18 11/16 (474)
Wash cabinet, depth of lower basket in inches	20 1/2 (520)
Gross weight in lbs	187.39 (85)
Emission values	
Emission sound pressure level in the workplace	<70 dB(A) re 20 µPa
Heat dissipation into the room in btu/h (MJ/h)	1.40
Programs	
Standard	•
Intensive	•
Features	
Interface for process documentation (optional)	•
Customer Service interface	•
Extensive components (option)	•
Programs	
Special 93°C–10' (200°F)	•
Universal	•
Inorganica	•
Organica	•
Injector Plus	•
Pipettes	•
Plastics	•
Mini	•
Oil program	•

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Features

1 dispenser pump for liquid cleaning agent	•
Steam condenser	•
Spray pressure monitoring	•
Spray arm monitoring	•
Multi-component filter system	•
Variable-speed heating pump	•
Load carrier – direct coupling	•
DryPlus	•
Door salt container	•
Wash cabinet seamlessly welded using laser technology	•
Heating elements outside the wash cabinet	•
Wash cabinet made of high-quality stainless steel (1.4301/304)	•

Connection options

RS 232 serial interface (optional)	•
Ethernet interface (optional)	•
External dispenser modules	•

Standards, test certificates, and symbols

IP safety class according to EN 60529: IP 21	•
EN 61010-2-040	•
c CSA us	•

Standards, test certificates, and symbols

EN 61010-1	•
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