

## PG 8583 CD [WW AD CM]

Laboratory glassware washer

with liquid dispensing, DryPlus drying & conductivity monitoring.



- Performance/cycle, e.g., 128 laboratory bottles
- Safety – Wash pressure, spray arm and conductivity 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 7883 CD

EAN: 4002515648629 / Material number: 10262730 / Old Material Number: 62858350USA

Construction type and design	
Model	Freestanding appliance, can be built-under, wide, with lid
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)
Shortest program cycle time in min.	29
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

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Maximum delivery head for drain pump in inches (cm)	39 3/8 (100)
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
<b>Dimensions and weight</b>	
Net weight in lbs	216.05 (98)
<b>Drying unit</b>	
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	H14
HEPA-filter filtration efficiency (in accordance with DIN EN 1822) in %	99.99
HEPA-filter service life in h	500
<b>Dimensions and weight</b>	
External dimensions, net height in inches	32 7/8 (835)
External dimensions, net width in inches	35 7/16 (900)
External dimensions, net depth in inches	27 9/16 (700)
External dimensions, gross height in inches	43 1/8 (1095)
External dimensions, gross width in inches	47 1/4 (1200)
External dimensions, gross depth in inches (mm)	31 1/2 (800)
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	293.21 (133)
<b>Emission values</b>	
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
<b>Programs</b>	
Standard	•
Intensive	•
<b>Features</b>	
Additional integrated dispenser pumps (optional)	•
Interface for process documentation (optional)	•
Customer Service interface	•
Extensive components (option)	•
<b>Programs</b>	
Special 93°C–10' (200°F)	•
Universal	•
Inorganica	•
Organica	•
Injector Plus	•
Pipettes	•
Plastics	•

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Mini	•
Oil program	•
<b>Features</b>	
1 dispenser pump for liquid cleaning agent	•
1 dispenser pump for neutralizing agent	•
Steam condenser	•
Spray pressure monitoring	•
Spray arm monitoring	•
Conductivity monitoring	•
Multi-component filter system	•
Variable-speed heating pump	•
Load carrier – direct coupling	•
DryPlus	•
Door salt container	•
Setting options for process chemicals (3 x 5 l/2 x 10 l)	•
Wash cabinet seamlessly welded using laser technology	•
Heating elements outside the wash cabinet	•
Wash cabinet made of high-quality stainless steel (1.4301/304)	•
<b>Connection options</b>	
RS 232 serial interface (optional)	•
Ethernet interface (optional)	•
<b>Standards, test certificates, and symbols</b>	
IP safety class according to EN 60529: IP 21	•
EN 61010-2-040	•
c CSA us	•
<b>Standards, test certificates, and symbols</b>	
EN 61010-1	•