

PG 8583 CD [WW ADP CM]

Laboratory dishwasher

with pump for AD water, liquid dispensing, DryPlus & conductivity monitoring.



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

EAN: 4002515630556 / Material number: 10224270 / Old Material Number: 62858361GB

Construction type and design	
Construction type	Freestanding, can be built-under, wide, without lid
Casing	Stainless steel
Can be built-under	•
AutoClose – automatic door lock	•
Buzzer, acoustic signal at end of programme	•
Service-friendly design	•
Application	
Suitable for laboratories	•
Capacity	
Laboratory flasks per cycle [number]	128
Pipettes per cycle [number]	98
Performance data	
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
Controls	
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	•
Time left display	•
Programme sequence display	•
Automatic programme restart	•
Selectable display languages	•
Standard electrical connection	
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
Length of mains connection cable in m	1.80
Possible voltage variant 1	
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
Possible voltage variant 2	
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
Water connection/drainage	
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
Maximum delivery head for drain pump in cm	100
Maximum water hardness (cold water/hot water) in mmol/l	10.70
VEP – with feed pump for DI water [number]	1
Drain pump [DN]	22
Integrated water softener	•
Water protection system	Waterproof system
Dimensions and weight	
External dimensions, net height in mm	820
External dimensions, net width in mm	900
External dimensions, net depth in mm	600
Wash cabinet, usable height in mm	520
Wash cabinet, usable width in mm	530
Net weight in kg	98
Drying unit	
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 ³ /h	60
Temperature setting in 1 °C increments	50-115
Time setting in 1-minute increments	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
Dimensions and weight	
External dimensions, gross height in mm	1095
External dimensions, gross width in mm	1200
External dimensions, gross depth in mm	800
Wash cabinet, depth of upper basket in mm	474
Wash cabinet, depth of lower basket in mm	520
Gross weight in kg	133
Emissions data	
Emission sound pressure level in the workplace	<70 dB(A) re 20 µPa
Heat dissipation into the room in MJ/h	1.40
Programmes	
Standard	•
Intensive	•
Features	
Additional integrated dispenser pumps (optional)	•
Interface for process documentation (optional)	•
Extensive components (option)	•
Programmes	
Special 93 °C–10'	•
Universal	•
Inorganic	•
Organic	•
Injector Plus	•
Pipettes	•

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Plastics	•
Mini	•
Oil programme	•
Connection options	
RS 232 serial interface (optional)	•
Features	
1 dispenser pump for liquid cleaning agent	•
1 dispenser pump for neutralising agent	•
Steam condenser	•
Spray pressure monitoring	•
Spray arm monitoring	•
Conductivity monitoring	•
Multi-component filter system	•
Variable-speed heater pump	•
Load carrier – direct coupling	•
DryPlus	•
In-door salt container	•
Customer Service optical interface	•
Setting options for process chemicals (3 x 5 l / 2 x 10 l)	•
Wash cabinet seamlessly welded using laser technology	•
Heater elements outside wash cabinet	•
Connection options	
WiFi via DataDiary (optional)	•
Ethernet interface (optional)	•
Standards, certs, symbols	
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	•
Standards, certs, symbols	
EN 61010-1	•