

PG 8583 CD [WW ADP CM]

Laboratory dishwasher

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



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

EAN: 4002515630570 / Material number: 10224290 / Old Material Number: 62858351GB

| Construction type and version | |
|---|---|
| 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 |
| Control system | |
| 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 | • |
| Standard electrical connection | |
| 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 | 1.80 |
| Possible voltage variant 1 | |
| 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 |
| 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 | |
| Net weight in kg | 98 |
| Drying unit | |
| Integrated drying unit | • |
| Fan in kW | 0.30 |
| Heater element in kW | 2.20 |
| Air throughput in m³/h | 60 |
| 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 |
| Dimensions and weight | |
| External dimensions, net height in mm | 820 |
| External dimensions, net width in mm | 900 |
| External dimensions, net depth in mm | 600 |
| External dimensions, gross height in mm | 1095 |
| External dimensions, gross width in mm | 1200 |
| External dimensions, gross depth in mm | 800 |
| 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 | 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) | • |
| Customer Service interface | • |
| Extensive components (option) | • |
| Programmes | |
| Special 93 °C–10' | • |
| Universal | • |
| Inorganic | • |
| Organic | • |
| Injector Plus | • |
| Pipettes | • |
| Plastics | • |
| Mini | • |

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Oil programme

•

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

•

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

RS 232 serial interface (optional)

•

WiFi via DataDiary (optional)

•

Ethernet interface (optional)

•

Standards, test certificates and 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, test certificates and symbols

EN 61010-1

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