

PLW 8683 CD [GD DC5 CM]

Laboratory washer with glass door,
with liquid dispensing, DryPlus, conductivity monitoring and monitoring package.



- Performance/cycle, e.g. 128 laboratory bottles
- Flexible and simple – modular load carriers & EasyLoad system
- Maximum user convenience with M Touch Flex full-touch colour display
- Safety through monitoring – wash pressure and spray arm monitoring
- Efficient hot air drying – DryPlus
- Connectivity as standard via WiFi

EAN: 4002516884736 / Material number: 12799930 /
Old Material Number: 6286C336EX1

Construction type and version	
Control panel colour	Black
Glass door	•
Lid	Stainless Steel
Number of wash levels	2
AutoClose – automatic door lock	•
Buzzer, acoustic signal at end of programme	•
Service-friendly design	•
Application	
Suitable for laboratories	•
Capacity	
Narrow-necked glassware per cycle [number]	64
Test tubes per cycle [number]	196
Vials per cycle [number]	196
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
Shortest programme running time in min	20
Tested operating hours	15000
Maximum final rinse temperature in °C	93
Control system	
Control type	M Touch Flex
Max. delay start in h	24
Programmability	programmable
Programmes [number]	20
Free programme positions [number]	10
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	16
Length of mains connection cable in m	1,90
Possible voltage variant 1	
Electrical connection	AC 230V 50HZ
Electric heater rating in kW	2,50
Total rated load in kW	3,30
Fuse rating in A	16
Water connection/drainage	
Cold water [number]	1
Hot water [number]	1
Required flow pressure in kPa	200-1000
DI water [number]	1
Maximum delivery head for drain pump in cm	100

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Maximum water hardness (cold water/hot water) in mmol/l	10,70
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VEP feed pump for demineralised water (option)	•
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Drain pump [DN]	22
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Water protection system	Waterproof system
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Dimensions and weight

External dimensions, net height in mm	835
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External dimensions, net width in mm	898
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External dimensions, net depth in mm	700
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Wash cabinet, usable height in mm	520
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Wash cabinet, usable width in mm	530
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Net weight in kg	104
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Drying unit

Integrated drying unit	•
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Fan in kW	0,30
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Heater element in kW	2,20
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Air throughput in m ³ /h	60
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Time setting in 1-minute increments	0-120
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HEPA filter class	H14
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HEPA filter filtration efficiency (in accordance with DIN EN 1822) in %	99,99
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HEPA filter service life in h	300
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Dimensions and weight

External dimensions, gross height in mm	1095
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External dimensions, gross width in mm	1200
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External dimensions, gross depth in mm	800
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Wash cabinet, depth of upper basket in mm	474
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Wash cabinet, depth of lower basket in mm	520
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Gross weight in kg	124
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Maximum floor load in N/m ²	1220
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Emissions data

Emission sound pressure level in the workplace	<70 dB(A) re 20 µPa
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Heat dissipation into the room in MJ/h	5,40
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Programmes

Standard	•
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Intensive	•
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Features

Additional integrated dispenser pumps (optional)	•
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Volume flow control	•
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Customer Service interface	•
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Extensive components (option)	•
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Programmes

Extra short	•
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Universal	•
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Inorganic	•
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Organic	•
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Agar	•
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Injector Plus	•
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Vials	•
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Pipettes	•
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Plastics	•
Oil	•
Hygiene 93/10	•
Pasteurising	•
Cold water rinse	•
Demineralised water rinse	•
Features	
1 dispenser pump for liquid cleaning agent	•
1 dispenser pump for neutralising agent	•
Additional integrated dispensing pump 5–10 l (optional)	•
Suction lance for media canisters 10–20 l (optional)	•
Convenient suction lance DC5	•
Spray pressure monitoring	•
Spray arm monitoring	•
Conductivity monitoring	•
How-to sequences	•
Chamber lighting	•
Multi-component filter system	•
Variable-speed heater pump	•
Load carrier – direct coupling	•
DryPlus	•
Salt container in base of wash cabinet	•
Setting options for process chemicals (3 x 5 l / 2 x 10 l)	•
Wash cabinet seamlessly welded using laser technology	•
EasyLoad	•
Connection options	
WiFi interface prepared	•
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	•
Standards, test certificates and symbols	
EN 61010-1	•