

TECHNICAL DATA SHEET

GW6090



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GW6090 TECHNICAL FEATURES

Electronic control	3 microprocessors +1 (optional communication card)
Standard programs stored	20
Settable programs	10 (expandable to 50)
Backlit graphic LCD display	128 x 64 pixels
Clock and calendar	yes
Reprogrammable phases	10
Phase parameters	type of water, detergent quantity, target temperature, extension time in minutes, drying temperature and time
Tank internal temperature	5°C to 95° C
Accuracy	0.1°C
Temperature sensors in tank	1 PT 1000 CLASS B IEC 60751
Time display	5 digits
Feed pumps (50 ml/min)	4
Detergent level sensor	optional
Safety lock	yes, with electromagnetic release
Safety devices	safety thermostats, door interlock
Alarm display	80
Troubleshooting menu	yes
Program editing	yes (via password)
Password	4 levels
Languages	4: Italian, English, French, German (on request: Spanish, Polish, Swedish, Russian, Japanese)

AUXILIARY FUNCTIONS

External sensor duct	optional
Waste water separation solenoid valve control	yes
RS232 serial port for PC connection	yes
RS232 serial port for printer	yes
USB serial port	optional
LAN connection	optional
Water quality check	optional
Cycle storage	yes
Cycle file download	yes

DRYING SYSTEM

Drying fan	0.8 kW
Drying heating element	4 kW
Prefilter class C 98%	yes
HEPA filter Class S 99.999%	yes
Drying air temperature	75°C-100°C

WATER SUPPLY (PRESSURE 1.5-5 BAR)

Cold/hot water hardness	max 42° F
Demineralised water conductivity	<20µS/cm
Demineralised water pump	optional
Water softener incorporated	no
Recirculation pump	2 pumps of 400 l/min

WATER HEATING

Electrical	18.5 kW max
Steam	optional (GW6090DSV version)
Water pre-heating via boiler	optional

DIMENSIONS LxDxH mm

Outside	2035x801x902 (GW6090DS and GW6090DSV versions) and 1835x801x902 (GW6090 version)
Inside	670x650x835
Net weight (kg)	282

STEEL

Wash tank	AISI 316L
Exterior covering	AISI 304

ELECTRICAL POWER SUPPLY

Max. voltage/power	3/N/PE 400V ~ 50Hz 18.5 kW
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NOISE

	50 dB
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CONFORMITY

	2006/95/EEC, 93/68/EEC, 2004/108/EEC EN61010-1, EN61010-2-040, EN61326:1997+A1:1998
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AVAILABLE VERSIONS

	GW6090, GW6090DS, GW6090DSV
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GW6090 OPTIONALS



WD-PRINT

Printer integrated in the panel.

WD-PAPER Thermal paper roll. Diameter 50 mm, width 57 mm.



WD-LS6090

Detergent level sensor. Allows controlling the level of liquid additives and signals when the detergent has run out. Equipped with an adjustable drawing tube for cans of different heights.



IC6000

Digital indicator to monitor wastewater conductivity. Particularly useful when using demineralised water for final rinsing. If the wastewater has high conductivity values it is suggested to execute further rinsing. Measuring range between 0 and 1000 $\mu\text{s}/\text{cm}$. Value reading shown on a backlit LCD display. Display of out-of-scale parameters. Built into the front panel of the machine.



PAD 2

Booster pump for non-pressurised demineralised water. Allows feeding the machine with demineralised water drawn from a non-pressurised tank positioned on the ground.



WD-FLUX FLOW METER FOR PERISTALTIC PUMPS

Allows controlling the quantity of additive the peristaltic pumps deliver. Installed directly on the machine on each single detergent feed duct leading into the tank. It signals any feeding malfunctions or when the products run out by showing a warning on the display.



AD13

Additional peristaltic pump for feeding an additional additive complete with level sensor. The quantity of detergent delivered by the pump is directly controlled by the machine microprocessor.



WD-LAN

Communication card with LAN port to connect the glassware washer to the local area network. The connection allows remote communication with the machine via the WD-TRACE software and you can view all the information provided by the glassware washer on your PC. You can also change all the operating parameters without having to intervene directly on the machine. The WD-LAN communication card is also fitted with USB and RS232 ports to interface the glassware washer with a fixed PC station adjacent to the machine or with an external printer.



WD-VDS

Double discharge valve that allows separating and ducting the polluted wastewater from the first washing cycles from the final rinsing water. This wastewater separation device is composed of 1 and 1/2" valves with Viton membrane and valve opening is controlled by the machine microprocessor.

