

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 |
|--------------------|----------------------------|

NOISE

| | |
|--|-------|
| | 50 dB |
|--|-------|

CONFORMITY

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

AVAILABLE VERSIONS

| | |
|--|-----------------------------|
| | GW6090, GW6090DS, GW6090DSV |
|--|-----------------------------|





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.



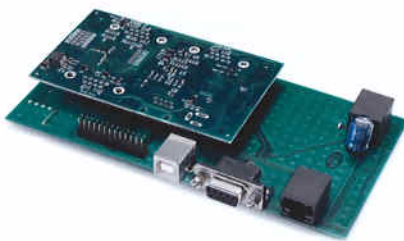
WD-FLUX FLOW METER FOR PERISTALTIC PUMPS

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.

GW6090 WASHING CONFIGURATION

The strong point of the GW6090 washing system is that the direct injection systems can be exchanged with the rotating sprayer systems on all three washing levels. By placing the 6 available systems on different levels, many different configurations can be obtained, thus allowing loading capacity to be optimised according to washing requirements. Glassware of various sizes with heights up to 835 mm and volumes up to 25 litres can be washed.



| | DIRECT INJECTION SYSTEMS | MAXIMUM HEIGHT OF GLASSWARE (mm) | | | ROTATING SPRAYER SYSTEM | MAXIMUM HEIGHT OF GLASSWARE (mm) | | | |
|----------|--|----------------------------------|-----|-----|-------------------------|---|-----|-----|-----|
| 3° LEVEL | C63_L690 Telescopic base injection system | 170 | 450 | 170 | 720 | C62 Telescopic base with rotating sprayer | 105 | 380 | 105 |
| 2° LEVEL | C63_L680 Telescopic base injection system | 210 | | | | C62 Telescopic base with rotating sprayer | 195 | | 640 |
| 1° LEVEL | C61_L685 Telescopic base with rotating sprayer | 260 | 260 | 545 | | C61 Telescopic base using the rotating sprayer at the bottom of the wash tank | 365 | 365 | |

