

**LABORATORY WASHER DISINFECTOR RANGE**



**FEATURES**

- Compact
- Robust
- Soundproof
- Choice of Cycle
- Choice of Model
- Safe, Reliable, Stylish Design





### GW2050

- Micro Processor controlled 8 programs
- Single shot detergent dispensing and neutralizer
- 2 cleaning levels
- Wash area 0.36m<sup>2</sup>
- Thermal drying with built in vapour condensor



### GW1050

- Micro Processor controlled 8 programs
- Single shot detergent dispensing
- Dose pump controlled neutralizer
- 2 cleaning levels
- Wash area 0.52m<sup>2</sup>
- Thermal drying



### GW3050

- Touch panel control
- 20 standard +10 additional programs
- 2 Peristaltic dose pumps
- Wash area 0.52m<sup>2</sup>
- Thermal Drying
- Optional heated fan forced drying

## Models to suit all type and class of laboratory:



### GW5050

- Touch panel control
- 20 standard +10 additional programs
- 4 Peristaltic dose pumps
- Wash area 0.52m<sup>2</sup>
- HEPA filtered heated fan forced drying
- Vapour condensor



### GW4050

- Touch panel control
- 20 standard +10 additional programs
- 2 Peristaltic dose pumps
- Wash area 0.52m<sup>2</sup>
- Heated fan forced drying with 98% efficiency filtered air

### APPLICATIONS : PROGRAM CHOICE

- Standard programs for typical glassware
- 20 supplied programs for specific applications petrochemical, blood, analytical, viscous, biological applications, all fully variable\*.
- 10 additional program slots available for customized program's.  
(\* Models GW3050, 4050, 5050 only)

### APPLICATIONS : MACHINE CHOICE

- Economy GW1050 for schools and general applications
- High powered GW3050 for university, QA, high volume labs.
- Air filtered fan forced drying GW4050 , GW5050 for particle free drying
- Condensor Option for vapour removal to suit biological or classified laboratories.

### VALIDATING PRINTER

- Repeatability of process is important in today's laboratory environment
- LCD screen and batch printer provides proof of process
- Records all important process parameters
- Coupled with external temperature and cycle validation by Gallay the Smeg range of laboratory washers provide a solution for all applications.
- Available on the GW3050 model and higher

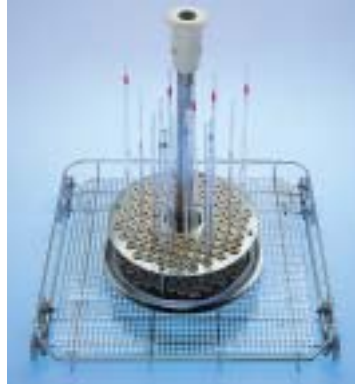


## GW SERIES GLASSWARE WASHERS

Providing solutions for Research, Industry and Educational Laboratories

### SMEG GLASSWARE RACKS

- General glassware over 2 levels
- Hollow jet racks for internal cleaning
- Holders and clip racks
- Pipette racks and holders
- Combination hollow jet racks for pipettes and glassware
- Customized racks for all shapes and sized glassware



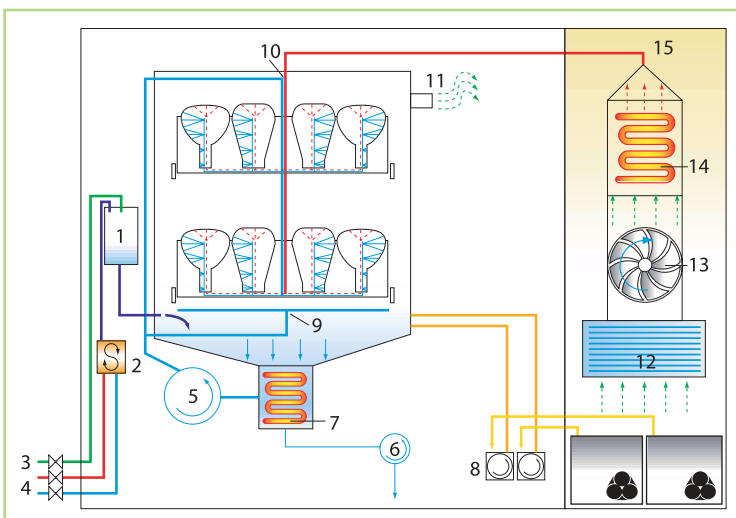
### GALLAY CLEANING CHEMICALS AND ACCESSORIES

- Liquid detergents and rinse aids
- Neutral detergents and drying agents
- Additional chemical dose pumps
- Level controls



## FAN FORCED HEATED AIR FILTERED DRYING CIRCUIT

(GW3050, GW4050 & GW5050 only)



- Rapid drying by air injection into the chamber and the racks.
- Air prefilter and post HEPA filter (optional) ensure the integrity of the drying system is just pure air, no particles, no contaminants.
- Drying Temperature adjustable from 75°C-100°C, on all 30 programs
- Hot air generator provides fast efficient drying

### DRYING SYSTEM / HYDRAULIC SCHEME

- |                               |  |                                 |
|-------------------------------|--|---------------------------------|
| 1. Air break                  | 7. Heating element                                       | Optional Features               |
| 2. Mixer                      | 8. Peristaltic pumps                                     | 12. Air filter                  |
| 3. Demineralised water intake | 9. Rotating sprayer                                      | 13. Fan                         |
| 4. Cold / Hot water intakes   | 10. Internal injection system                            | 14. Air heating element         |
| 5. Washing pump               | 11. Air outlet (connection to steam condenser not shown) | 15. Turbo fan forced air drying |
| 6. Discharge pump             |  |                                 |

# LABORATORY WASHERS : THE COMPLETE RANGE



Technical Data	GW2050	GW1050	GW3050	GW4050	GW5050
Dimensions Ext. (mm LxDxH)	450x600x850	600x600x850	600x600x850	900x630x850	900x630x850
Dimensions int. (mm LxDxH)	380x480x590	520x515x545	520x515x545	520x515x545	520x515x545
Optional Maximum height (under bench)	820mm	820mm	820mm	820mm	820mm
Optional Stand for Ergonomic load height	Yes	Yes	Yes	Yes	Yes
Programs	8	8	30	30	30
Display	Alphanumeric	Alphanumeric	LCD 40 letters	LCD 40 letters	LCD 40 letters
Thermal disinfection temp °C	93°C	93°C	Up to 95°C	Up to 95°C	Up to 95°C
Drying	Convection	Convection	Convection or fan forced option	Fan forced	Fan Forced
Printer	-	-	Yes	Yes	Yes
Steam condensor	Yes	Vapour exit	Vapour exit	Option active	Active
Water heating	3kW	6.3kW	2.8kW 1 phase 6.3kW 3 phase	2.8kW 1 phase 6.3kW 3 phase	2.8kW 1 phase 6.3kW 3 phase
Electrical	Single phase	Single or 3 phase, 7kW	Single or 3 phase, 7kW	Single or 3 phase, 7kW	Single or 3 phase, 7kW
Dose system	1 peristaltic, 1 door dispenser	1 peristaltic, 1 door dispenser	2 Peristaltic	2 Peristaltic	4 Peristaltic
Dose system optional	-	-	Additional 2 pumps	Additional 2 pumps	
Distilled water connection	No	Yes	Yes	Yes	Yes
Wash pump L/min	200	400	400	400	400
Noise level	<33dBA	<50dBA	<50dBA	<50dBA	<50dBA
Alarm Messages	Yes	Yes	Yes	Yes	Yes
Diagnostic Menu	-	-	Yes	Yes	Yes



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