GS-SERIES

Filtration fume cupboard

gruppo strola

GS-SERIES

The GS-Series fume cupboards are ductless fume cupboard designed to ensure the highest degree of protection of laboratory operators from exposure to harmful concentrations of toxic vapours, fumes and particles. Thank to its high efficient filtration system the GS-Series is able to provide maximum level of protection without the need of pipes and laboratory air exchange. It allows to save the energy cost of air renewal and pipe building inside laboratory.

The whole GS-Series range is provided with our especially designed touch-screen controlled electronic system *Timelog*. It alerts the operator in case of:

- low face air velocity (with trigger threshold setting)
- opening of sash beyond safety limit set
- filter inspection time expiration
- temperature above set maximum threshold for safe filter operation

The GS-Series is also able to be connected directly to the ventilation system of the laboratory to become an hybrid device: DUCTED+FILTERED. The embedded fan come already able to exhaust the air in a duct up to 3m long*. The presence of an embedded filtration system allow to drastically reduce the amount of toxic chemicals released in the ambient.

*250mm diameter, no curves

CERTIFICATION

The whole GS-Series range is certified to:

- BS7258/1994
- BS7989/2001
- DIN12924
- ANSI ASHRAE 110
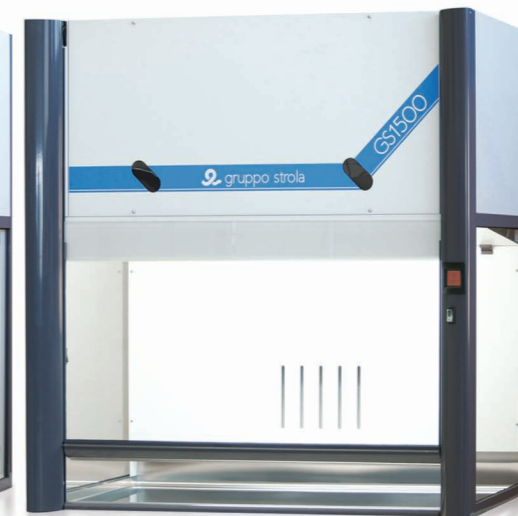
BENCH-TOP FILTRATION FUME CUPBOARD

| GS 1000 | GS 1200 | GS 1500 | GS 1800 |

GS 1000

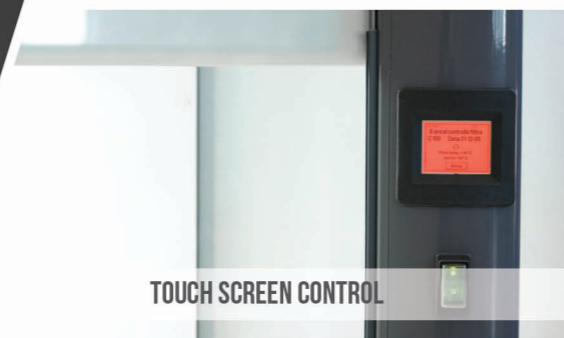|	
External dim.(mm)	1000x750x1500
Internal dim. (mm)	950x600x800
Max. working opening (mm)	780x400
Max. sash opening (mm)	780x680
Lighting (220V/50Hz)	2x18W
Fan supply (220V/50Hz)	3A
Max. flow rate	700 m³/h
Main filter num.	1
Filter dimension (mm)	450x600x100
Minimum filter carbon load	17 kg
Weight	130 Kg
Package dim. (mm)	1200x800x1600

GS 1200

External dim.(mm)	1200x750x1500
Internal dim. (mm)	1150x600x800
Max. working opening (mm)	980x400
Max. sash opening (mm)	980x680
Lighting (220V/50Hz)	2x18W
Fan supply (220V/50Hz)	3A
Max. flow rate	800 m³/h
Main filter num.	2
Filter dimension (mm)	450x600x100
Minimum filter carbon load	34 kg
Weight	160 Kg
Package dim. (mm)	1300x800x1600

GS 1500

External dim.(mm)	1500x750x1500
Internal dim. (mm)	1450x600x800
Max. working opening (mm)	1280x400
Max. sash opening (mm)	1280x680
Lighting (220V/50Hz)	2x36W
Fan supply (220V/50Hz)	2.6A
Max. flow rate	950 m³/h
Main filter num.	2
Filter dimension (mm)	450x600x100
Minimum filter carbon load	34 kg
Weight	180 Kg
Package dim. (mm)	1600x800x1600

GS 1800

External dim.(mm)	1800x750x1500
Internal dim. (mm)	1750x600x800
Max. working opening (mm)	1580x400
Max. sash opening (mm)	1580x680
Lighting (220V/50Hz)	2x36w
Fan supply (220V/50Hz)	2.6A
Max. flow rate	1300 m³/h
Main filter num.	3
Filter dimension (mm)	450x600x100
Minimum filter carbon load	51 kg
Weight	200 Kg
Package dim. (mm)	2000x800x1600

TOUCH SCREEN CONTROL

AERODYNAMIC PROFILES

IP 65 1000LUX FLUORESCENT LIGHTING

INOX WORKTOP - HPL LAMINATE BACK BAFFLE

FEATURES

- HIGH EFFICIENCY multilayered filter systems
- 6mm thickness PVB GLASS for long-lasting chemical resistance and maximum protection
- COUNTERWEIGHTED FRONTAL SASH
- VAV SYSTEM (variable air volume) for constant face velocities at any opening height
- AERODYNAMIC SHAPE of uprights and sash handle for best containment
- Back and top internal baffle for best suction of the working area
- Dynamic AIR-TIGHT-PLENUM to avoid leakage at the filtering system

SPECIFICATIONS

- IP44 electrical system in compliance to CEI 64.2
- 220V-IP44 Brushless fan with PWM electronic control
- Adjustable 0.4÷0.6 m/s face velocity airflow
- Sound pressure levels below 60dBa
- Aluminium extruded uprights and expoxy-polyester powder painted steel frame
- Counterweighted sash and lateral sides made in 6mm thickness PVB glass
- Back and top internal baffle made in acid-resistant 5mm thickness HPL laminate
- 250mm diameter exhaust manifold for ducting/venting
- Stainless steel worktop with fluid containment rims

ACCESSORIES

- Stands or benches with ventilated under-bench key-locked storage
- Antivibration base-stands for weighting with high-precision balances
- Trollies for mobility with antistatic swivel wheels
- Polypropylene or monolithic ceramic (stone wear) worktops
- Different dimension sinks and drip cups
- Electrical plugs
- Gas and water services with remote control
- Anatomic pathology equipment like: formalin dispensing kits with carboys, pump and spigot, internal IP67 UV light, magnifying lens with light, spot light for precision operations and ventilated anatomical findings cutting area
- Shelf for containers hung to back baffle

ANITIVIBRATION BASE-STAND

FORMALIN SPIGOT & FINDINGS CUTTING AREA

UNDER BENCH KEY-LOCKED STORAGE

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