

## Monmouth Circulaire S1000 Specifications

External Dimensions	1000mm Wide 700mm Deep 1860mm High
Internal Dimensions	985mm Wide 680mm Deep 850mm High
Aperture Size	900mm Wide x 360mm High (360mm from Sill, 400mm from worksurface)
Carbon Filter Type	Special blend of impregnated carbon ( <i>exclusive to Monmouth Scientific</i> ) suitable for use with all chemicals used in school curriculum
Carbon Filter Size	2 x 11Kg - (600mm x 340mm x 100mm)
Pre-Filter Type	'Filtrete' Electrostatic Media
Pre-Filter Size	600mm x 340mm
Airflow Monitoring	Electronic
Electrical Requirements	230V/50Hz AC - 400W Or 110V/60Hz AC - 800W
Construction	Epoxy Powder coated zintec steel with clear acrylic front, side and back glazing and GRP chemical resistant worksurface tray
Noise level	<60 dB(A)
Lighting	>700 Lux
Weight	130Kg

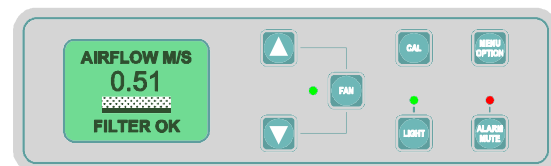
### Control System:

#### Standard monitoring system:

- Electronic airflow status warning lights with audible alarm
- Light switch

#### Optional full electronic monitoring system:

- Carbon filter efficiency
- Digital airflow display
- 2 level warning system for hydrocarbons
- Filter life alarm
- Light switch



### Other options available:

#### Services Package comprising:

- Water and gas outlets with front mounted control valves and moulded drip-cup in the worksurface
- Steel braided wire tether to secure cabinet to wall
- Reinforced hoses with quick-fit self sealing connectors
- Additional wall mounting service point to allow connection of services to additional laboratories

#### Additional Wall mounting service points

- Additional connection point to allow cabinet to be used in multiple classrooms or prep rooms



Wall mounted services panel supplied with services package

# Monmouth Scientific

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The latest in fume containment for schools and colleges.....



Monmouth

Circulaire S1000

Mobile Fume Cupboard

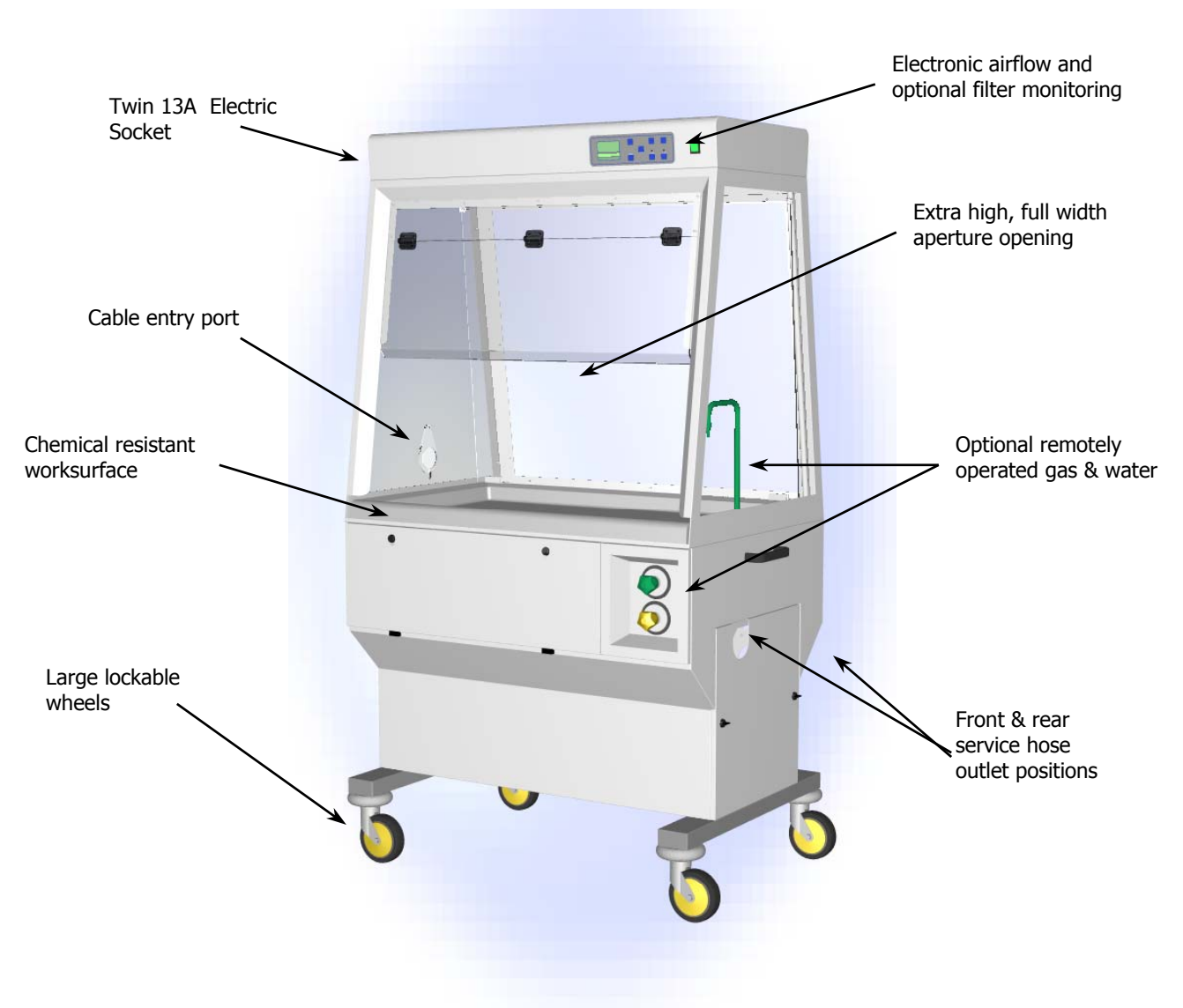
## Five good reasons for choosing a mobile filtration fume cabinet...

- **No installation costs** – Simply connect the cabinet to an electrical socket and plug in the quick release water, gas and waste connections. No external ducting, building work or changes to heating and ventilation systems required.
- **Adaptable** – Cabinet is mobile and may be easily re-positioned. Water, gas and waste hoses are coiled up inside the cabinet when not required. All round acrylic glazing provides excellent visibility for observers.
- **Energy efficient operation** – Recirculatory airflow eliminates the need for laboratory make-up air and integration into ventilation system controls.
- **Continuous airflow monitoring** – Integral electronic airflow monitor and optional carbon filter monitoring with airflow velocity display.
- **Environmental benefits** – Activated Carbon filters retain / neutralise pollutants eliminating harmful discharge to the environment.

## Maximum Operator Safety...

- Complies fully with COSHH, International Standards and Building Bulletin 88 for Fume Cupboards in Schools
- Large capacity carbon filters (2 x 11kg) with special blend (exclusive to Monmouth Scientific) of impregnated carbon – assures years of uninterrupted service (typical filter life is 4 to 5 years)
- Unique and secure filter retaining system
- Full width 360mm high aperture height for ease of manipulation (400mm from worksurface)
- Sloping front and rear with acrylic glazing on all sides for maximum all-round visibility
- Deep chemically resistant spillage tray
- Excellent illumination of the working area with overhead lighting
- Acoustic damping to ensure near-silent running
- Robust construction using corrosion resistant materials for maximum life
- Tube and electric cable access port
- Fully mobile and will pass through a standard 1950mm X 710mm doorway
- Large lockable wheels for easy manoeuvrability
- Cable entry port for cables / tubing
- Aerodynamic profile of all aperture edges
- All electronic circuits isolated from air stream
- Optional gas, water and drainage services fitted with reinforced flexible hoses
- Optional electronic filter efficiency monitoring system

## Ergonomic design fully meeting COSHH regulations



The new **Circulaire S1000** mobile filtration fume cabinet incorporates the latest in containment technology to provide full compliance with COSHH regulations and exceeds the requirements of Building Bulletin 88.

The **Circulaire S1000** is available with gas and water services operated remotely from outside the cabinet and fitted with reinforced hoses for maximum mobility and safety.

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