

Five good reasons for choosing a Monmouth Circulaire filtration downflow bench.....

- **Minimal installation costs** – Simply site the bench and plug in to a standard electrical supply.
- **Energy efficient operation** – Recirculatory airflow eliminates the need for laboratory make-up air and integration into ventilation system controls.
- **Environmental benefits** – Activated Carbon filters retain / neutralise pollutants eliminating harmful discharge to the environment.
- **Perfectly matched to you application** – Choose a standard bench design or have a bench manufactured to suit your exact application and available space.
- **Versatile** – The system can be fitted with an almost limitless host of options.

Typical carbon filter types & applications:

Standard AC	For Organic & Inorganic Solvents	ACID	For Mineral Acids
FORM	For Aldehydes eg. Formaldehyde & Glutaraldehyde	AMM	For Ammonia & Amines
ETHER	For Diethyl Ether	CYN	For Cyanide Compounds
ACR	For Radioactive Iodine	ACHG	For Mercury Vapours
SCHOOL	A special blend for use in Education	SUL	For Hydrogen Sulphide and Mercaptans
MCH	A custom blend combining any four of the above primary carbon types		
HEPA	For the removal of particulate such as fine powders and dusts		

Other cabinets available from Monmouth Scientific include:

Bench Mounting Circulaire Filtration Fume Cupboards



Monmouth Scientific's range of filtration fume cupboards offer features and safety that are second-to-none. Cabinets are available in a variety of different sizes and use the largest capacity carbon filters available.

Fully Mobile Circulaire S1000 Filtration Fume Cupboard



The new Circulaire S1000 mobile filtration cabinet is designed for use in areas where a more flexible approach to fume containment is required. Ideal for use in schools or for practical demonstrations, the S1000 is provided with four clear sides and overhead lighting to aid visibility.

Bench Mounted Circulaire Downflow Workstations



Wherever space may be limited or if you want to retain flexibility within your laboratory, the Circulaire W700 bench mounted downflow workstation may be more practical. Compact and easy to install, the W700 is suitable for many different laboratory, forensic or industrial applications.

and.....

Ducted Fume Cabinets

Weighstation Cabinets

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Excellent versatility, great containment.....



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Circulaire

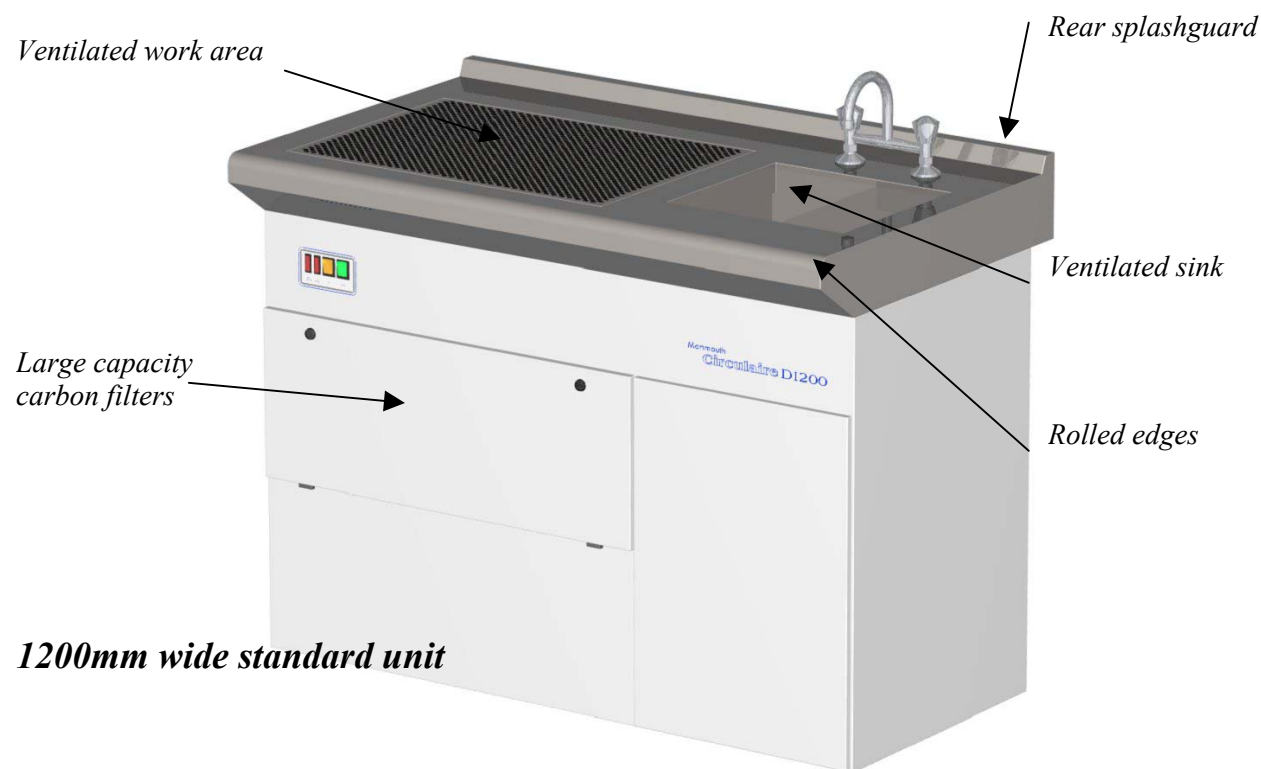
Downflow Benches

Standard or Made-to-Measure?

Monmouth Scientific have a wide variety of Downflow Bench systems available to suit almost every application.

Designed to provide containment at the worksurface, the Monmouth Scientific benches draw fumes away from the operator and directly through the perforated worksurface. No acrylic or glass screens are required therefore providing excellent operator protection in a safe and uncluttered environment.

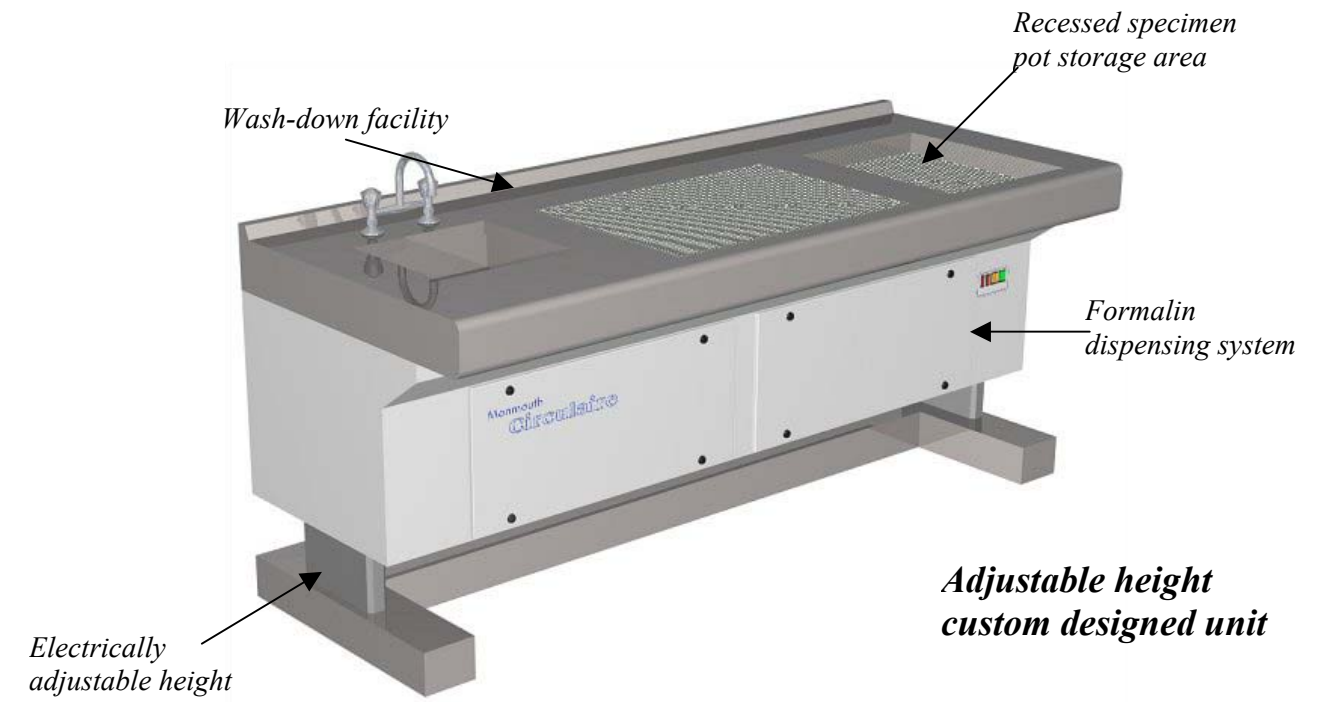
We can provide standard benches to match most user requirements or if you need something that extra bit special we can tailor make an individual bench or fit-out an entire laboratory suite with benches specific to your requirements.



Units are constructed for maximum reliability and strength. All worksurfaces are manufactured from 316-grade stainless steel whilst the lower section is manufactured from zintec powder coated steel to prevent corrosion (If preferred, lower section can also be manufactured from stainless steel).

Containment is provided by way of large capacity activated carbon filters (or HEPA for particulate) and electrostatic pre-filters making the units extremely easy and cost efficient to install, as duct runs are not required. This also means that if laboratory requirements change, the benches can be easily repositioned.

All systems are fitted with low airflow alarms and can optionally be fitted with filter saturation alarms to alert the operator to any maintenance requirements. All benches are simple to operate with all controls and safety alarms mounted on a single panel.



Benches can be provided with a whole host of options to suit individual requirements such as:

- **Electronically controlled height adjustment**
- **Wash down facilities**
- **Hot & cold water**
- **Elbow operated taps**
- **Macerators**
- **Splash-back upstands**
- **Formalin Dispensing**
- **Ventilated Sinks**
- **Recesses for storage or cutting boards**



To assist in deciding which bench would suit your particular needs, Monmouth Scientific provide a free site survey with no obligation to match the best equipment for your requirements. Please call 01823 698800 to arrange an appointment.

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