

microscopes plus 0333 444 1950
 info@microscopesplus.co.uk

SOLOTEC - A UK based company who have been designing and manufacturing bench top safety enclosures since 1991. They have developed the products to the highest standards as expected by customers and prospective customers.

All our enclosures are individually **handmade in the UK** by skilled and experienced team. They are used on a daily basis throughout the UK and also **WORLDWIDE** in research and hospital laboratories and within the food, asbestos, chemical, life sciences and aerosol production industries. They are suitable for balances, microscopes, microbiology and aerosol testing to name a few.

As well as their mainstream range of products available we also offer **bespoke enclosures** made to your own specifications at very competitive prices.

They also carry a stock of replacement filters, motors and accessories for all models, ready for immediate dispatch. If you require any information on our products, custom built enclosures or accessories please let us know.

Products



Waysafe 3
 Universal benchtop enclosure



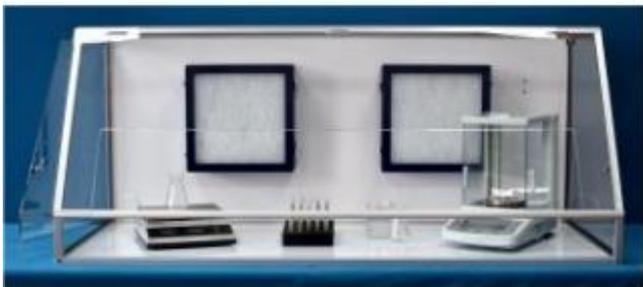
Waysafe 2
 Microscopy Analysis enclosure



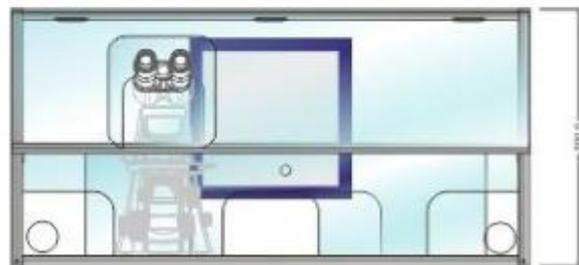
Waysafe 110
 Analytical or Top Pan balance enclosure



Minicab
 Spray pattern test and metering hood



Mediaway
 Large universal cabinet. Open front (or customised to your requirements), side doors and available in 3 widths.



MA1000
 New for 2016. Adds 400mm to width of our popular Waysafe2 unit to enable sample preparation and analysis in the same safe unit.

All products are CE marked and meet the requirements of the Low Voltage Directive. Please give us a ring if you need more information.

If the product range doesn't suit your requirements please call with your specifications as they also offer a "custom built" service to suit your needs.

Waysafe Original 110 - simple low cost safety.

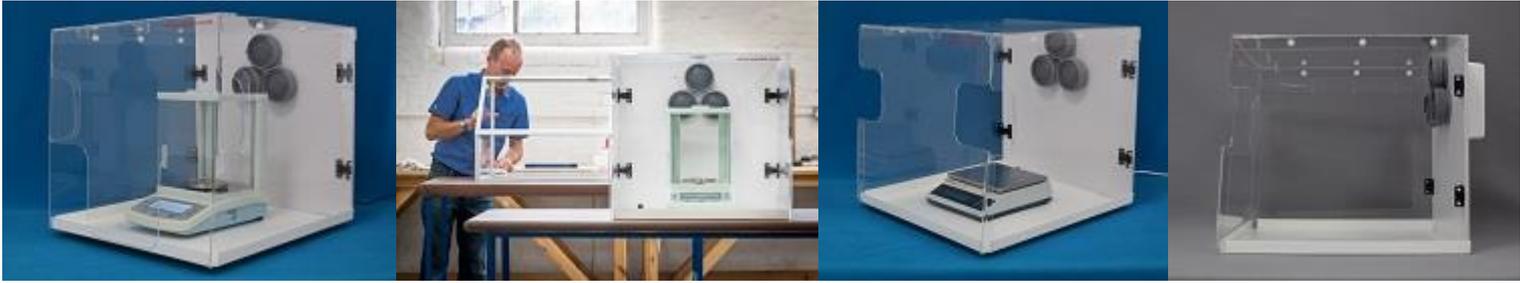
Waysafe Original is available for either analytical or top pan type balances as shown. Many hundreds of these popular handmade items are in use throughout the UK and worldwide.

The only difference between the two models is the configuration of the front panel; WS110/A is for analytical balances where the operator is sitting down. WS110/T is for top-pan balances where the operator is usually standing. Weighing media powder in a microbiology laboratory is a typical example.

Both models share the following common features; fronts, sides and tops are made from clear acrylic. The front panel simply lifts off so that access for cleaning or filter changing is easy. The back panel and base use white food grade plastic board.

A reliable fan draws air through three simple face mask filters. Particles are contained within the enclosure or are trapped by the low cost filters. The filters can be changed by the operator in a few minutes.

Waysafe Original puts the mask on the balance - not on the operator.



Specification:

Height 500mm, width 550mm, depth overall 600mm.

Filters: Comply with EN143: 2000

Electrical: 230V 35W 50Hz. Meets requirements of LVD and is CE marked.

References: WS110/A for analytical balances, WS110/T for top pans. For spares see prices page.

Waysafe 2 - simple low cost safety.

Waysafe 2 enclosures are principally for use with stereo microscopes like those shown in the pictures. They have a HEPA filter with a pre-filter and a powerful fan to draw contaminated air away from the operator.

A simple Hi/Lo switch controls the fan speed with indicator lights to show the status. The filters can be changed in minutes by the operator - no expensive service engineer call outs - and the whole unit comes out of the box and is ready to use immediately. The frame is 20mm anodised aluminium and it is glazed with clear acrylic. A simple base tray is supplied.

WAYSAFE 2 is used by many asbestos analysis companies



Specifications

230V 35W. Meets LVD and is CE marked.

Airspeed: High >0.5m/s, Low 0.3m/s.

Outside dimensions: Height 500mm, depth 640mm, width 640mm (680mm inc base tray)

Hepa filter efficiency: 99.999% @ 0.3 micron. (H14)

Filter size: 305 x 305 x 65mm

Base tray supplied.

Reference: WS2/W. See prices page for spares.

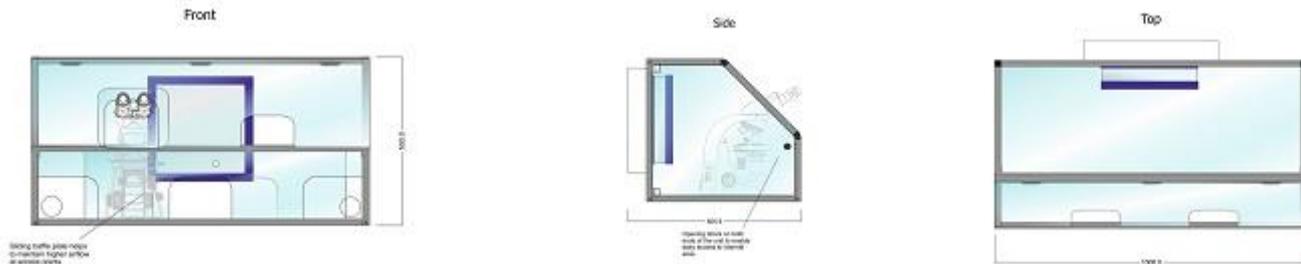
Waysafe 2 plus - (coming soon. Available qtr 4 2015)

Designed for users who want to safely prepare and analyse samples in the same enclosure. We've taken our well proven Waysafe 2 cabinet and added 400mm to the width. Along with new side opening doors, a new robust laminated base board (available in a choice of colours or stainless steel) and a third front access port the Waysafe 2+ proves that we have been listening to our customers! The front panel is reversible so the microscope can be mounted to the left or right side of the cabinet and because we've kept the same inlet area, our standard two speed fan gives better than 0.5 m/s or about 0.3m/s with a HEPA filter and a pre filter

A simple Hi/Lo switch controls the fan speed with indicator lights to show the status. The filters can be changed in minutes by the operator - no expensive service engineer call outs - and the whole unit comes out of the box and is ready to use immediately (subject to local DOP test requirements). The frame is 20mm anodised aluminium and it is glazed with clear acrylic.

At 1000mm wide the Waysafe 2+ gives ample space for both preparation and microscopy . If you're preparing and analysing Asbestos or other regulated substances, why buy two cabinets? when one WS2+ will do the job and, keep everything safe - in one place.

WAYSAFE 2 is used by many asbestos analysis companies - With the Waysafe 2+ preparation and analysis just got safer!



Specifications

230V 35W. Meets LVD and is CE marked.

Airspeed: High >0.5m/s, Low 0.3m/s.

Outside dimensions: Height 500mm, depth 640mm, width 1000mm.

Hepa filter efficiency: 99.999% @ 0.3 micron. (H14)

Filter size: 305 x 305 x 65mm

Integral white laminated base tray (other colours and stainless steel available to order).

Opening doors to both sides.

Reference: WS2+. New product - Call for prices.

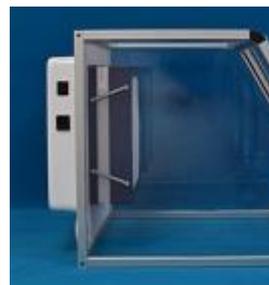
WAYSAFE 3 - simple low cost safety.

Waysafe 3 is for balances or general protection. It has a HEPA filter (99.999% efficient at 0.3 micron H14) and a two speed fan. If the HIGH airspeed of >0.5m/s is too much for your sensitive balance then just switch the speed down to LOW for an airspeed of about 0.3m/s or OFF while you take a reading. The robust aluminium framework is glazed with clear acrylic.

There is plenty of room for a big balance like the one on the right and it will fit on standard laboratory benchtops. The front panel has no hinges and simply lifts off for cleaning and filter changing. The access ports give a full range of movement for normal operation and there is a power access hole with cover at the back.

Filters are changed by the operator in a few minutes so there are no expensive call out charges.

Waysafe 3 gives you a safety enclosure anywhere you want it.



Specification:

Please note that Waysafe 3 is for use only with particulates.

Hepa filter efficiency: 99.999% @ 0.3 micron.. (H14)

Filter size: 305 x 305 x 65mm. Prefilter fitted

Airspeed: High >0.5m/s, Low 0.3m/s.

Outside dimensions: Height 500mm, depth 610mm, width 540mm.

Electrical: 240V 60W 50Hz. CE marked. Meets requirements of LVD and EN61010 part 1 .

Reference: WS3. For spares see prices page.

Mediaway - simple low cost safety

MEDIAWAY is specifically designed for mixing Media Powder. It solves the problem of the powder affecting people in or near the mixing room and removes the need for the operator to wear a mask.

Doors at each end open up fully to allow large flasks, bottles and media tubs to be put inside. The whole operation can be done safely under negative pressure.



Dimensions (mm):

1400 wide (available with 1200 and 1600 width as options), 600 high and 600 deep. Two fans and Hepa filters with prefilters. Access opening 1340 x 200. Airflow 0.5m/s. Electrical: 240V 100W. Meets requirements of the LVD and is CE marked. Reference: Mediaway. For spares see prices page.

Minicab - simple low cost safety

MINICAB is a small footprint, high airflow, Hepa filtered extraction unit. It is mostly used for testing MDIs (metered dose inhalers) and various types of sprays. A powerful fan draws air at about 4m/s - yes, - 4m/s - through the front port and returns it to the laboratory after passing through the prefilter and Hepa filter.

The spray is directed into the filter and MINICAB does the rest.

MINICAB gives really local extraction and doesn't steal valuable bench space.



Dimensions (mm):

305 wide, 420 long, 345 high. Electrical: 240V 50W 50/60Hz. Meets LVD and is CE marked. Hepa filter 305 x 305 x70, efficiency 99.999% at 0.3 micron. (H14) Reference:MNCB