building laboratory solutions
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With our labline i system product range we can cover all the requirements of the modern day laboratory facility. Our experienced designers have come up with a range of i systems to make designing your new laboratory easier. With years of accumulated feedback from actual lab users we have created the complete laboratory solution.

i1 system ➤ modern design C-frame system
i2 system ➤ classic H-frame system
i3 system ➤ designer cantilever system
i4 system ➤ modern suspended system
i5 system ➤ fixed furniture system
The i1 system

Ideal for a laboratory that requires a modern cantilevered appearance but needs added strength for equipment. Made from high quality powder coated steel.

The i1 system can be used with all InterFocus shelving and underbench furniture. Optional underbench panels can also be added to further enhance appearance and practicality.
The i1 system dimensions

The i1 system for a perimeter wall bench

The i1 system for a peninsular bench

The i1 system for the top rail shelving option
The i2 system
Creates a classic look laboratory. Ideal for a laboratory that requires a heavy duty base for large equipment.
Made from high quality powder coated steel.

The i2 system can be used with all InterFocus shelving systems, and underbench furniture.
Optional underbench panels can also be added to further enhance the appearance and practicality.
i2 system

- The i2 system dimensions
- The i2 system for a perimeter wall bench
- The i2 system for a peninsular bench
- The i2 system for the top rail shelving option
The i3 system
Creates an open versatile furniture system. Ideal for a laboratory that requires flexibility. With no legs to worry about this system is perfect for labs that need floor space for equipment. Made from high quality powder coated steel.

The i3 system can be used with all InterFocus shelving systems, and underbench furniture. Optional underbench panels can also be added to further enhance the appearance and practicality.
The i3 system dimensions

The i3 system for a perimeter wall bench

The i3 system for a peninsular bench

The i3 system for the top rail shelving option
The i4 system
Designed for the laboratory that requires hygiene and constant cleaning. An ideal solution for Hospitals or infection control laboratories.
Made from high quality powder coated steel.

The i4 system can be used with all InterFocus shelving systems.
Optional underbench panels can also be added to further enhance the appearance and practicality.
The i4 system dimensions

The i4 system for a perimeter wall bench

The i4 system for a peninsular bench

The i4 system for the top rail shelving option

The i4 system suspended units can also be hung from a cantilever i1 system frame
The i5 system
A fixed furniture system. The worktops are fixed directly to the furniture. This creates a solid fitted appearance but is less flexible than a frame system. Ideal for a solid structure or for a laboratory that requires a rigid non movable layout.

The i5 system can be used with all InterFocus shelving systems.
i5 system

- The i5 system dimensions height

- The i5 system for a perimeter wall bench
The rs1 Reagent Shelf

A robust laboratory shelving system, the main section is manufactured in 3 mm edged melamine, with easy removable access panels for services. All supports are powder coated steel.

For electrical services, simply fix trunking to the outside of the main section.

If laboratory taps are required, these can be easily suspended from the main section.

The rs1 shelving system can be used with all of the InterFocus bench systems.

The shelving can be manufactured in trespa or melamine and there is also a powder coated steel main section option if required for a specialist laboratory.
The rs1 dimensions
a modern design reagent shelf with service tower

rs2 reagent shelving

The rs2 Reagent Shelf
A robust laboratory shelving system, the main section is manufactured in 3 mm edged melamine, with easy removable access panels for services. All supports are powder coated steel.

For electrical services, simply fix trunking to the outside of the main section.

If laboratory taps are required, these can be easily suspended from the main section.

The rs2 shelving system can be used with all of the InterFocus bench systems.

The shelving can be manufactured in trespa or melamine and there is also a powder coated steel main section option if required for a specialist laboratory.
The rs2 dimensions
The rs3 reagent shelf
A robust laboratory shelving system. All supports are powder coated steel.
For sockets, simply fix trunking to the outside of the steel uprights.
This system is not suitable for suspended services.

The rs3 shelving system can be used with all of the InterFocus bench systems.
The shelving can be manufactured in trespa or melamine.
The rs3 dimensions
The as1 adjustable shelving system
A fully adjustable shelving system that can be adjusted for height and also have the flexibility of moving from side to side.
Wall cabinets can also be attached to this system.

The as1 shelving system can be used with all of the Interfocus bench systems.
The shelving can be manufactured in trespa or melamine.
The as2 adjustable shelving system
A fully adjustable shelving system that can be adjusted for height. This system is a cheaper alternative to the as1 system. A ceiling fixing is usually preferred with this type of system for rigidity, but there are alternatives if a ceiling fixing is not practical.

The as2 shelving system can be used with all of the InterFocus bench systems.
The shelving can be manufactured in trespa or melamine.
The Labline research furniture range is a high quality robust and stylish laboratory furniture solution that will compliment any laboratory design project. Our Labline research range has been designed to cater for all your furniture and storage requirements.

- Nylon runner with 25kg load bearing
- Blum metal powder coated steel drawer sides. The bottom and back are 18mm MDF
- Quality ‘D’ Handle as standard; can be supplied in a range of colours. A recessed handle can also be specified
- High quality castor with rubber tyre. Front castors lock
- Fully adjustable high quality Blum hinge.
- Fully adjustable 18mm MDF shelf, edged with 3mm PVC edging. Supported on steel shelf pins.
- Drawer / door fronts are 18mm MDF with 3mm edging in high impact ABS for protection
- Cam fix construction for a robust carcass.
- Solid 18mm MDF plinth

www.mynewlab.com
The **i motion** underbench furniture range is a robust furniture system on braked castors that can easily be moved around your laboratory.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>2D500M</td>
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<td>SC500RM</td>
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<td>TR365LM</td>
<td>Tray Unit with LH Door 365w x 500d x 850h</td>
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<td>TR365RM</td>
<td>Tray Unit with RH Door 365w x 500d x 850h</td>
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<tr>
<td>TR365OM</td>
<td>Open Tray Unit 365w x 480d x 850h</td>
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TR706M
Double Tray Unit
706w x 500d x 850h

TR706OM
Open Tray Unit
706w x 480d x 850h

4D1000M
Double 4 Drawer Unit
1000w x 500d x 850h

SU1000M
Double Sink Unit
1000w x 500d x 860h

DC1000M
Double Cupboard
1000w x 500d x 850h

DRL1000M
Dbl. Drawline Cupboard
1000w x 500d x 850h

SU620ML
LH Sink Unit
620w x 500d x 860h

SU620MR
RH Sink Unit
620w x 500d x 860h
The **i classic** underbench furniture range is a robust furniture system with a plinth. The furniture sits on non marking nylon floor glides, to enable the unit to be moved easily.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<td>DRL500RP</td>
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<tr>
<td>DC1000P</td>
<td>Double Cupboard Unit</td>
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</tbody>
</table>
i classic

**SU620PL**
LH Sink Unit
620w x 500d x 860h

**TR365LP**
Tray Unit with LH Door
365w x 500d x 850h

**SU620PR**
RH Sink Unit
620w x 500d x 860h

**TR365RP**
Tray Unit with RH Door
365w x 500d x 850h

**SU1000P**
Double Sink Unit
1000w x 500d x 860h

**TR706P**
Double Tray Unit
706w x 500d x 850h

**TR365OP**
Open Tray Unit
365w x 480d x 850h

**TR706OP**
Double Open Tray Unit
706w x 480d x 850h
The **i static** underbench furniture range is a fixed furniture system. The furniture is non moveable and requires installation.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Dimensions</th>
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<td>3D1000F</td>
<td>Double 3 Drawer Unit</td>
<td>1000w x 550d x 914h</td>
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</tbody>
</table>
The **i rail** underbench furniture range is a suspended furniture system that is mounted on rails below the worktop. An ideal solution for hospitals, clinics, infection control or wet room facilities.

- **3D500S**
  - 3 Drawer Unit
  - 500w x 500d x 550h

- **DRL500LS**
  - LH Drawline Cupboard
  - 500w x 500d x 550h

- **DRL500RS**
  - RH Drawline Cupboard
  - 500w x 500d x 550h

- **SC500LS**
  - LH Single Cupboard
  - 500w x 500d x 550h

- **SC500RS**
  - RH Single Cupboard
  - 500w x 500d x 550h

- **SU620LS**
  - LH Single Cupboard
  - 620w x 500d x 550h
End of peninsular sink units that can be used with all furniture ranges. The sink units sit on their own plinth and directly support the worktop.
<table>
<thead>
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<td>Glass Wall Cupboard</td>
<td>1000w x 350d x 600h</td>
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<tr>
<td>WC1006GS</td>
<td>Glass Sliding Wall Cupboard</td>
<td>1000w x 330d x 600h</td>
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<tr>
<td>WC5006L</td>
<td>LH Wall Cupboard</td>
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<td>WC3006RG</td>
<td>RH Glass Wall Cupboard</td>
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</tbody>
</table>
wall cupboards

WC1009
Wall Cupboard
1000w x 350d x 900h

WC5009R
RH Wall Cupboard
500w x 350d x 900h

WC1009G
Glass Wall Cupboard
1000w x 350d x 900h

WC5009RG
RH Glass Wall Cupboard
500w x 350d x 900h

WC1009GS
Glass Sliding Wall Cupboard
1000w x 330d x 900h

WC3009L
LH Wall Cupboard
300w x 350d x 900h

WC5009L
LH Wall Cupboard
500w x 350d x 900h

WC3009LG
LH Glass Wall Cupboard
300w x 350d x 900h

WC5009LG
LH Glass Wall Cupboard
500w x 350d x 900h

WC5009GS
Glass Sliding Wall Cupboard
500w x 330d x 900h

WC3009RG
RH Glass Wall Cupboard
300w x 350d x 900h
tall storage units

<table>
<thead>
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<th>Description</th>
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<td>Tall Storage Unit LH</td>
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<tr>
<td>TS50052R</td>
<td>Tall storage Unit RH</td>
<td>500w x 350d x 2100h</td>
</tr>
</tbody>
</table>
Injury Prevention Stations, a melamine or tRESPA constructed wall mounted casing with a wash hand basin and hand operated shower.

**IPS1000**
Low Level Station
900w x 145d x 1150h
Includes a removable lid and one panel for access to services.

**IPS2000**
High Level Station
850w x 175d x height to suit ceiling
There are three removable panels for access to services.
An optional mirror can also be mounted.
sink detail options

INSET SINK
A sink with a flange is inserted into a cutout in the worktop.

The flange sits slightly proud of the worktop.

UNDERMOUNT SINK
A sink with a flat flange is fixed to the underside of the worktop, the cutout in the worktop has a 10mm overhang. This detail is ideal for recessed draining grooves and sink lids if required.

DROP IN SINK
A rebate is cut into the worktop, allowing a sink with a flat flange to be dropped into the rebate. The sink sits slightly below the worksurface. The rebate is finished with a chamfered detail. This detail is ideal for rebated draining grooves.

INSET SINK WITH DRAINER
Similar to a kitchen, an inset sink in stainless steel or epoxy resin is inserted into a cutout. The sink has its own drainer and anti drip edging.
SM8 undermount and inset sink
Epoxy Resin
Bowl size - 450 x 365 x 200 deep

SS6 undermount and inset sink
Epoxy Resin
Bowl size - 350 x 300 x 200 deep

SN9 drop in sink
Epoxy Resin
Bowl size - 406 x 305 x 203 deep

SD915-DO inset sink with drainer
Epoxy Resin
Bowl size - 400 x 300 x 200 deep
O/a size 915 x 410

L11050 inset sink with drainer
316 grade Stainless Steel
Bowl size - 508 x 356 x 250 deep
O/a size 1030 x 500

DD1500 sink top with drainer (for peninsular)
Epoxy Resin
Bowl size - 450 x 360 x 200 deep
O/a size 1500 x 750

Please note, these are our most commonly used sinks. Please call our technical team for our full range of sinks and drainers. If a special is required, please enquire as we can fabricate custom size stainless steel sinks.
A selection of our most commonly used laboratory taps. Please call our technical team for more information on our complete range of taps.
The mb1 mobile bench is a versatile movable laboratory bench. With a trespa worktop and lockable castors. From the front the mb1 has two furniture units which can be selected (see options) and an open shelf area. From the rear the mb1 has an inset space allowing for the user to use a lab chair and work at the bench.

mb1
1500w x 750d x 930h
(dimensions are overall size)

Options...
3 styles of units can be requested, drawline cupboard, 3 drawer and single cupboard with adjustable shelf. For clean rooms the mb1 can also be manufactured with a stainless steel frame.
The mb2 mobile bench is a versatile movable laboratory bench. With a tRESPA worktop and lockable castors. Below the worktop is a 300mm deep tRESPA shelf set 266mm from the floor height.

**mb2**
1500w / 1200mm / 1000mm x 750d x 930h (dimensions are overall size)

Options . . .
For clean rooms the mb2 can also be manufactured with a stainless steel frame.
The mb3 mobile bench is a versatile movable laboratory bench. With a trespa worktop / upstand and lockable castors. From the front the mb3 has two cupboard units, and an open shelf area. Above the worktop is a fixed melamine shelf.

mb3
1500w x 738d x 930h, Shelf -1400h
(dimensions are overall size)

Options . . .
For clean rooms the mb3 can also be manufactured with a stainless steel frame.
The mb4 mobile bench is a versatile movable laboratory bench. With a trespa worktop and lockable castors.

mb4
1500w / 1200mm / 1000mm x 750d x 930h
(dimensions are overall size)

Options . . .
For clean rooms the mb4 can also be manufactured with a stainless steel frame.
Ducted Fume Cupboards

Our range of ducted fume cupboards comply with the requirements and recommendations of BS EN 14175. The standard fume cupboards are available in 1200mm, 1500mm, 1800mm and 2000mm module widths. However, all bespoke sizes of external and internal widths, depths and heights can be easily manufactured with no large cost penalty.

The standard range has 45 degree angled side mullions each 150mm in width to accommodate the mechanical and electrical services. Alternative mullion profiles ranging from 40mm to 120mm in width are also available.

Features

- Attractive design, with an aerodynamic zintec mild steel outer carcass with an epoxy polyester powder coated gloss finish.
- Stainless steel front sill – hinged option available.
- Air by-pass via louvred aluminium grilles available.
- Infill panelling by extended continuous side panels can be provided with front panel supported on gas struts for easy access for maintenance.
- Internal chamber and baffles constructed from Trespa as standard, with options for PVC, polypropylene, 316 grade stainless steel, toughened glass or cast epoxy resin.
- Smooth toughened glass vertical sliding sash with fail-safe mechanism on single weight system – option for sashes can be combination style with horizontal sliding windows available.
- Auto-resetting sash lock.
- Worktops manufactured from cast epoxy resin and dished – options for Ceramic, Trespa, PVC, polypropylene and 316 grade stainless steel available.
- Range of wet and dry services plumbed in rigid copper or flexible pipe work.
- Range of polypropylene, cast epoxy and stainless steel drip cups, sinks and vulcanthene bottle traps.
- Range of switch socket outlets, RCD protection, data outlets are available.
- Twin fluorescent light fittings and light switches fitted as standard.
- Programmable controls panels to meet EN14175 fitted as standard incorporating sash high alarms, low airflow alarms and fan stop/start facility.
- Ventilated storage cupboards – suitable for acids, solvents or flammables.
- PVC ductwork connection pieces with integral volume control dampers fitted as standard.
- Adaptable for use as on a constant air volume or variable air volume extract system.
- Scaffold bosses and framework can be fitted.
- Pass through ports between inner and outer skins can be provided.
- Fire suppression systems can be provided.
- Tissue guards/paper restrictors to back baffles can be provided.

Call our technical team to discuss your exact requirements
Recirculating Fume Cupboards

Our range of recirculation fume cupboards comply with the requirements and recommendations of BS 7989: 2001.

The units are available in a range of standard widths 1200mm, 1500mm, 1800mm and 2000mm. The standard range has 45 degree angled side Mullions each 150mm in width to accommodate the mechanical and electrical services. Alternative Mullion profiles ranging from 40mm to 120mm in width are also available. The units are fitted above the soffit with pre-filters (to remove particulates before the main filter), carbon filters (to absorb chemical vapours) and centrifugal fan units to re-circulate air back into the laboratory.

The quantity of filters and fans required are dependent on the size of the fume cupboard. The filters are changed through the top hinged access door which is supported on gas struts. The extract volume is controlled by speed controllers so when the sash is closed the air volume reduces, thus reducing the noise level and preventing high face velocities when the sash is closed.

Features

- Attractive design, with an aerodynamic zintec mild steel outer carcass with an epoxy polyester powder coated gloss finish.
- Stainless steel front sill – hinged option available.
- Air by-pass via louvred aluminium grilles available.
- Infill panelling by extended continuous side panels can be provided with front panel supported on gas struts for easy access for maintenance.
- Internal chamber and baffles constructed from Trespa as standard, with options for PVC, polypropylene, 316 grade stainless steel, toughened glass or cast epoxy resin.
- Smooth toughened glass vertical sliding sash with failsafe mechanism on single weight system – option for sashes can be combination style with horizontal sliding windows available.
- Auto-resetting sash lock.
- Worktops manufactured from cast epoxy resin and dished – options for Ceramic, Trespa, PVC, polypropylene and 316 grade stainless steel available.

- Range of wet and dry services plumbed in rigid copper or flexible pipework.
- Range of polypropylene, cast epoxy and stainless steel drip cups, sinks and vulcanithene bottle traps.
- Range of switch socket outlets, RCD protection, data outlets, etc., available.
- Twin fluorescent light fittings and light switches fitted as standard.
- Programmable controls panels to meet EN14175 fitted as standard incorporating sash high alarms, low airflow alarms and fan stop/start facility.
- Ventilated storage cupboards – suitable for acids, solvents or flammables.
- PVC ductwork connection pieces with integral volume control dampers fitted as standard.
- Adaptable for use as on a constant air volume or variable air volume extract system.
- Scaffold bosses and framework can be fitted.
- Pass through ports between inner and outer skins can be provided.
- Fire suppression systems can be provided.
- Tissue guards/paper restrictors to back baffles can be provided.
Walk-in Fume Cupboards

Our range of walk-in fume cupboards comply with the applicable requirements and recommendations of BS EN 14175.

The standard fume cupboards are in available 1200mm, 1500mm, 1800mm and 2000mm module widths. However, all bespoke sizes of external and internal widths, depths and heights can be easily manufactured with no large cost penalty.

The standard range has 45 degree angled side mullions each 150mm in width to accommodate the mechanical and electrical services. Alternative mullion profiles ranging from 100mm to 120mm in width are also available.

Features

- Attractive design, with an aerodynamic Zintec mild steel outer carcass with an epoxy polyester powder coated gloss finish.
- Air by-pass via louvred aluminium grilles available.
- Infill panelling by extended continuous side panels can be provided with front panel supported on gas struts for easy access for maintenance.
- Internal chamber and baffles constructed from Trespa as standard, with options for PVC, polypropylene, 316 grade stainless steel, toughened glass or cast epoxy resin.
- Two independent toughened glass vertical sliding sashes with fail-safe mechanism on single weight system – option for sashes can be combination style with horizontal sliding windows available.
- Floor level and intermediate removable worktops manufactured from cast epoxy resin and dished, other options available are: Ceramic, Trespa, PVC, polypropylene and 316 grade stainless steel.
- Range of wet and dry services plumbed in rigid copper or flexible pipe work.
- Range of wall mounted and recessed polypropylene drip cups and vulcanthene bottle traps.
- Range of switch socket outlets, RCD protection and data outlets are available.
- Twin fluorescent light fittings and light switches fitted as standard – low level lights available as an option.
- Programmable controls panels to meet EN14175 fitted as standard incorporating low airflow alarms and fan stop/start facility.
- PVC ductwork connection pieces with integral volume control dampers fitted as standard.
- Adaptable for use as on a constant air volume or variable air volume extract system.
- Scaffold bosses and framework can be fitted.
- Pass through ports between inner and outer skins can be provided.
- Fire suppression systems can be provided.
- Tissue guards/paper restrictors to back baffles can be provided.
Water Wash Fume Cupboards

Our range of water wash fume cupboards comply where applicable with the requirements and recommendations of BS EN 14175. The units are generally installed in situations either Perchloric acid or Hydrofluoric acid is used and the extracted air needs to be scrubbed prior to discharge to atmosphere.

The units are available in a range of standard widths of 1200mm, 1500mm, 1800mm and 2000mm. The standard range has 45 degree angled side Mullions each 150mm in width to accommodate the mechanical and electrical services. Alternative Mullion profiles ranging from 40mm to 120mm in width are also available.

Features

- The system is of the water re-circulatory type for greater water efficiency – option for mains fed available.
- Internal chamber and water wash body constructed from PVC as standard, with option for polypropylene.
- Within the main water wash body at the rear of the fume cupboard would be a bank of spray pipe work and nozzles complete with sump and drain assembly.
- Re-circulation equipment (pump, tank, pipe work and valves) are fitted within support frame with the re-circulation tank is mounted on a PVC spillage tray.
- The front of the support frame would be provided with hinged and lockable false doors.
- A polypropylene knit mesh moisture eliminator pad, within a PVC casing designed to remove any airborne water droplets is fitted above the fume cupboard.
- Above the demister section would be fitted a back wash water spray nozzle which would be manually operated, independent of the re-circulation system.
- Attractive design, with an aerodynamic zintec mild steel outer carcass with an epoxy polyester powder coated gloss finish.
- Stainless steel front sill – hinged option available.
- Air by-pass via louvred aluminium grilles available.
- Infill panelling by extended continuous side panels can be provided with front panel supported on gas struts for easy access for maintenance.
- Smooth toughened glass vertical sliding sash with fail-safe mechanism on single weight system – option for polycarbonate sash.
- Auto-resetting sash lock.
- Worktops manufactured from PVC and dished – options for polypropylene and cast epoxy resin available.
- Range of wet and dry services plumbed in rigid copper or flexible pipe work.
- Range of polypropylene drip cups, sinks and vulcanethene bottle traps.
- Range of switch socket outlets, RCD protection, data outlets are available.
- Twin fluorescent light fittings and light switches fitted as standard.
- Programmable controls panels to meet EN14175 fitted as standard incorporating sash high alarms, low airflow alarms and fan stop/start facility.
- Tissue guards/paper restrictors to back baffles can be provided.
Radioactive Fume Cupboards

Our range of radioactive fume cupboards comply with the applicable requirements and recommendations of BS EN 14175.

The standard fume cupboards are available 1200mm, 1500mm, 1800mm and 2000mm module widths. However, all bespoke sizes of external and internal widths, depths and heights can be easily manufactured with no large cost penalty.

The standard range has 45 degree angled side Mullions each 150mm in width to accommodate the mechanical and electrical services. Alternative mullion profiles ranging from 40mm to 120mm in width are also available.

Features

- Internal chamber sides, back, soffit and worktop manufactured from fully welded 316 grade stainless steel and polished to provide a seamless monolithic chamber suitable for radioactive use.
- Attractive design, with an aerodynamic zintec mild steel outer carcass with an epoxy polyester powder coated gloss finish.
- Mounted onto a fully welded mild steel box section support framework powder coated to match the fume cupboard carcass.
- Stainless steel front sill – hinged option available.
- Air by-pass via louvred aluminium grilles available.
- Infill panelling by extended continuous side panels can be provided with front panel supported on gas struts for easy access for maintenance.
- Smooth toughened glass vertical sliding sash with fail-safe mechanism on single weight system – option for sashes can be combination style with horizontal sliding windows available.
- Auto-resetting sash lock.

- Range of wet and dry services plumbed in rigid copper or flexible pipe work.
- Range of stainless steel drip cups and sinks.
- Range of switch socket outlets, RCD protection, data outlets are available.
- Twin fluorescent light fittings and light switches fitted as standard.
- Programmable controls panels to meet EN14175 fitted as standard incorporating sash high alarms, low airflow alarms and fan stop/start facility.
- Ventilated storage cupboards – suitable for acids, solvents or flammables.
- PVC ductwork connection pieces with integral volume control dampers fitted as standard.
- Adaptable for use as on a constant air volume or variable air volume extract system.
- Scaffold bosses and framework can be fitted.
- Pass through ports between inner and outer skins can be provided.
- Fire suppression systems can be provided.
- Tissue guards/paper restrictors to back baffles can be provided.
Fume Extract Systems

We are able to design and install fume extraction systems serving our fume cupboards and ventilated enclosures to ensure that all our installations perform efficiently, safely and with minimum noise levels.

All PVC ductwork is fabricated in accordance with DW154 and installations comply with the recommendation of BS EN 14175.

A range of centrifugal and direct driven fan units are available, which are fabricated from polypropylene. The fan motors used are available in either single or three phases and can be single speed, two speed or inverter driven.

We are able to undertake a full turnkey installation, including the supply and installation of all electrical equipment to control and operate the extract systems, e.g. isolators, fan starters, interconnecting wiring, etc.

Where materials used are required by the client to be fire retardant, we can design and install systems from either fire retardant polypropylene or from PVC with a glass reinforced plastic outer coating. Special items, such as fire dampers, intumescent fire collars, attenuators, HEPA filter housings etc are also available.
trespa athlon

designed for industrial use

White  
E0-00

Pastel Grey  
E0-01S

Silver Grey  
E0-02

Sand  
E3-01

Icely Blue  
E25-01

Standard Sheet Sizes
2550mm x 1860mm,  
3050mm x 1830mm.  
Panel Thickness  
16mm

The colours and patterns in this document are printed and therefore may vary slightly from actual product colours. Samples are available on request.  
Trespa, Trespa Athlon and Trespa TopLab are trademarks or registered trademarks of Trespa International B.V. or its subsidiaries in United Kingdom  
and/or other countries.

www.mynewlab.com
designed for research  

White  
T03.0.0

Glacier Blue  
T21.1.1

Black  
T90.0.0

Pastel Grey  
T03.1.0

Silver Grey  
T03.1.4.0

Standard Sheet Sizes

2550mm x 1860mm,  
3050mm x 1530mm.

Panel Thickness

16mm

Mystic White / Blue  
D02.0.8

Limestone Yellow / Saffron  
D02.0.9

Pastel Grey / Silver  
D02.1.0

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InterFocus Ltd - LabTechDoc Rev 1.0

www.mynewlab.com
### Laboratory Type: Biological and Clinical

**Main Requirement**

- **High Stain Resistance**
  
  In Biological and Clinical areas, benchtops need to have a high stain resistance as well as being easy to decontaminate. Trespa Toplab\PLUS meets these requirements.

- **Radio-Labelled Compounds**
  
  The cross-linked surface of Trespa Toplab\PLUS benchtops makes it impermeable to radio-labelled compounds.

- **Hygienic**
  
  The smooth surface finishes of both Trespa TopLab\PLUS and Trespa Athlon do not support the growth of bacteria or fungi. Micro-organisms cannot penetrate the surface or the core and risk of contamination is low. Trespa TopLab\PLUS or Trespa Athlon benchtops are easy to keep clean.

- **Easy to Disinfect**
  
  The large size of the Trespa TopLab\PLUS and Trespa Athlon panels reduces the number of joints necessary, making them ideal for sterile work areas.

**Product**

- Trespa Toplab\PLUS
- Trespa Toplab\PLUS
- Trespa Toplab\PLUS
- Athlon

### Laboratory Type: Chemical

**Main Requirement**

- **Chemical Resistance**
  
  Trespa Toplab\PLUS is designed to resist the most aggressive chemicals such as organic solvents, caustic agents, acids and bases. Spills of most chemicals, solvents or detergents will not damage the surface of Trespa Toplab\PLUS or leave stains if they are removed within 24hrs.

- **Heat Resistance**
  
  Trespa Toplab\PLUS can be used in situations where the surface is exposed to temperatures (dry heat) up to 140°C continuously and 180-200°C for up to 20 minutes, without any detrimental effect or change in appearance. Being a thermostet material it will not lose its mechanical strength under these circumstances.

- **Impact Resistance**
  
  The optimal combinations of modulus of elasticity, tensile strength and flexural strength makes Trespa Athlon panels very resilient and therefore highly impact resistant.

**Product**

- Trespa Toplab\PLUS
- Trespa Toplab\PLUS
- Athlon

### Laboratory Type: Physical / Educational

**Main Requirement**

- **Abrasion & Scratch Resistance**
  
  Trespa Athlon’s decorative surface is impregnated with melamine resin (one of the hardest resins known). This makes it extremely scratch resistant and therefore suitable for applications involving heavy appliances such as ovens, chromatographs, televisions and computer equipment.

- **Heat Resistance**
  
  A Trespa Athlon benchtop will retain all its characteristics in temperatures ranging from -40°C to +180°C.

**Product**

- Athlon
- Athlon

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Trespa, Trespa Athlon and Trespa Toplab are trademarks or registered trademarks of Trespa International B.V. or its subsidiaries in United Kingdom and/or other countries.
### Solid Surface Worktops

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<th>Color Code</th>
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<tr>
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<td>Autumn Leaf</td>
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<tr>
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<td>Borolls</td>
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<tr>
<td>6786</td>
<td>Raven</td>
</tr>
<tr>
<td>3351</td>
<td>Fire Stone</td>
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<tr>
<td>113</td>
<td>Silver Ash</td>
</tr>
<tr>
<td>1408</td>
<td>Silver Dust</td>
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*Velstone solid surfacing material is non-porous and provides a sterile surface.*

Other advantages are:
- Hygienic
- Seamless
- Ease of Cleaning
- Design Flexibility
- Choice of Finish
- Fire Retardant
- Ease of Fabrication
- Installation
- Curved Surfaces
- 10 Year Warranty
Solid Wood Worktops

Iroko and similar hardwoods have been the traditional choice for school laboratory classrooms and chemistry and physics labs. The main advantage of using Iroko worktops is that they can easily be refurbished by sanding the top layer. The durable surface has resistance against attacks from acids, solvents and heat.

Laminate Worktops and Door Fronts

Value for money worktop & door material for general usage including food preparation areas, sink runs and around hobs and cookers. Can accurately mimic other worktop materials, including granite, slate and wood, so will suit modern and traditional schemes. Resistant to most stains and chemicals, but not to heat or steam. Not suitable as a cutting surface. For greater durability we would recommend a high pressure solid laminate worktop such as Trespa Athlon or similar.

These are just some of the most popular laminates colours taken from a much wider range of colours and wood effect finishes.
Melamine Panels
25 mm Panels are suitable for use as work tops.
18 mm Panels are suitable for carcass panels and doors.

Please note some colours are not available in both 25 and 18 mm variants.

Other colours are available to special order, these may require additional lead time when compared with our stocked colour range.

Our technical team will be pleased to advice on current availability and options.
<table>
<thead>
<tr>
<th>Color</th>
<th>Code</th>
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<tbody>
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<td>Graphite</td>
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<td>Dove White</td>
<td>8740</td>
</tr>
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</table>
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Case Study
Industrial Laboratory Facility

Supply and installation of specially designed Laboratory Furniture. The manufacture and installation of the furniture involved the plinths of the furniture being laid as a separate item, to enable the flooring to be coved up the plinth, thus ensuring a completed sealed floor.

Following installation of the flooring, the base units were then attached to the pre-laid plinths and the velstone work surfaces were then installed.

The use of velstone enabled the client to have completely joint free work surfaces, which in this instance was of paramount importance.
*Velstone* worktops were used extensively throughout these laboratory facilities as the client required all work surfaces to be joint free.
Case Study
Rockwood Pigments
Industrial Laboratory Facility

A complete turnkey industrial installation. The project was the result of extremely bad flood damage, the client was under pressure to return its existing damaged facility back to an operational QC, Analytical, and Research laboratories. We produced detailed design and layout plans and an extensive programme of works to ensure minimum disruption to the running of the clients existing manufacturing facility.

On a rolling programme, the existing flood damaged fixtures and fittings were removed, and the relevant Mechanical and Electrical services made safe.

Each laboratory area consisted of the following scope of works:

- Wall partitions stripped and made good, and replaced where necessary.
- New Suspended ceiling and lighting were installed.
- The complete area re-decorated.
- Existing floors were stripped, re-leveled, and ceramic tiles installed.
- New Laboratory Furniture, Fume Cupboards and extraction arms were manufactured and installed.
- All new Mechanical & Electrical services.
- Completely new air conditioning and make up air systems were installed.
Trespa worktops were used throughout this laboratory, in addition specialist extraction arms were also installed to the laboratory benches.
Case Study
Department of Chemistry
Cambridge University

Supply and installation of specially designed Laboratory Furniture and Designated Write Up Area.

The furniture was installed, with the underbench cupboards and drawer units supporting IROKO work surfaces.

In the write up areas the furniture and shelving was manufactured using a beech effect melamine MDF.
IROKO solid wood worktops were selected for use in these laboratories partly for aesthetics and also because hard woods offer a good work surface that is ideal for chemistry laboratories.
Case Study
Cambridge University
Department of Pathology
Teaching Room

Supply and installation of Teaching Room Furniture
The project included the initial design, manufacture and installation of furniture, sinks, taps, and electrical pods.

The brief was to provide a robust teaching environment for student teaching, with ample services and storage, whilst retaining the aesthetics of a modern teaching environment.

The TRESPA worktops were supported on a cantilever frame system with suspended cupboards, specially built to house individual student microscopes. In this instance cupboard doors were also produced in TRESPA.
Bespoke Trespa service pods were built to house water and electric's for the bench runs.
Case Study
Industrial R&D laboratory

A complete turnkey refurbishment of an existing R&D facility for a large industrial company.

The scope of works included:

- Full bespoke design service
- Manufacture of furniture
- Manufacture & Installation of Trespa work surfaces throughout.
- Fume extraction design and installation
- Fume cupboard supply, install & commission
- Flooring and decorating
- Complete M&E works
Pastel colours were chosen to take full advantage of the natural light and give a clean and soft looking working environment, white Trespa with its black core was used to give additional contrast.
Case Study
Cambridge University Research Laboratory

InterFocus were appointed the laboratory furniture manufacturer and installer by the building contractor for the project.

InterFocus supplied and installed all the laboratory furniture, IPS Stations, and additional fixtures and fittings.
Bespoke IPS stations were manufactured and installed to match the furniture colour scheme. Broen valves emergency showers and eye wash units were used throughout.
Case Study
A complete turnkey project for a leading food, and water testing company, based in North London.

This project was a complete Design & Build Project, of an industrial type building of approximately 8000 sq feet.

The project comprised:

- Initial Client Feasibility Study and budget estimates.
- Liaison with Council Building Control on behalf of the client.
- CDM & Project Management.
- Supply and installation of Fresh Air and Air Conditioning System.
- Installation of Suspended ceiling and lighting
- Installation of Mezzanine Floor.
- Installation of Vinyl Flooring
- Installation of Temperature Controlled Rooms.
- Installation of Autoclaves & Washers
- Installation of Fume Cupboards and Extraction System.
- Installation of Partitions to create individual laboratory areas.
- Manufacture & Installation of Office Furniture.
- Manufacture and Installation of Laboratory Furniture
- Installation of Alarm and Security System
- Installation of all Mechanical & Electrical Services.

From concept to completion in 20 weeks.
This was a complete turnkey package, including installation of a mezzanine floor.
Case Study
Dunn Nutrition
Research Laboratories, Write up areas and library.

A design, manufacture and installation contract for MRC Dunn Human Nutrition. This project comprised of building works to incorporate an existing laboratory and library area into a Larger laboratory Facility, write up area and lecture theatre.

The scope of works comprised of:

- Removal of existing walls, furniture and services.
- Construction of new walls.
- Installation of new ceilings and lighting
- Installation of Flooring, Vinyl & Carpet.
- Installation of Fume Cupboards and Extraction Systems.
- Installation of Air Conditioning Systems.
- Installation of purpose made Solid Maple Lecture Theatre Furniture.
- Manufacture & Installation of Laboratory Furniture
- Manufacture and Installation of Write Up Office Furniture
- Installation of all Mechanical and Electrical Services.
This was project was a complete turnkey package, which included the erection of new internal walls and rerouting of existing M&E services alongside the installation of new M&E services and air handling equipment.
Call a member of our technical team on 01223 894833 for any queries you have on our products and they will be happy to answer any of your questions.
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