

FBS CONTRACTS LIMITED

Design, Manufacture and
Installation of

Laboratory & Hospital Furniture



Industrial
Research
Educational
Medical

FBS Contracts Limited



The Company

Since its formation in 1992, FBS Contracts Ltd has rapidly established itself as one of the leading manufacturers within the industry of specialist laboratory furniture. They have built up a broad customer base including many of the 'blue chip' Pharmaceutical Houses, NHS Hospitals, Universities and Schools.

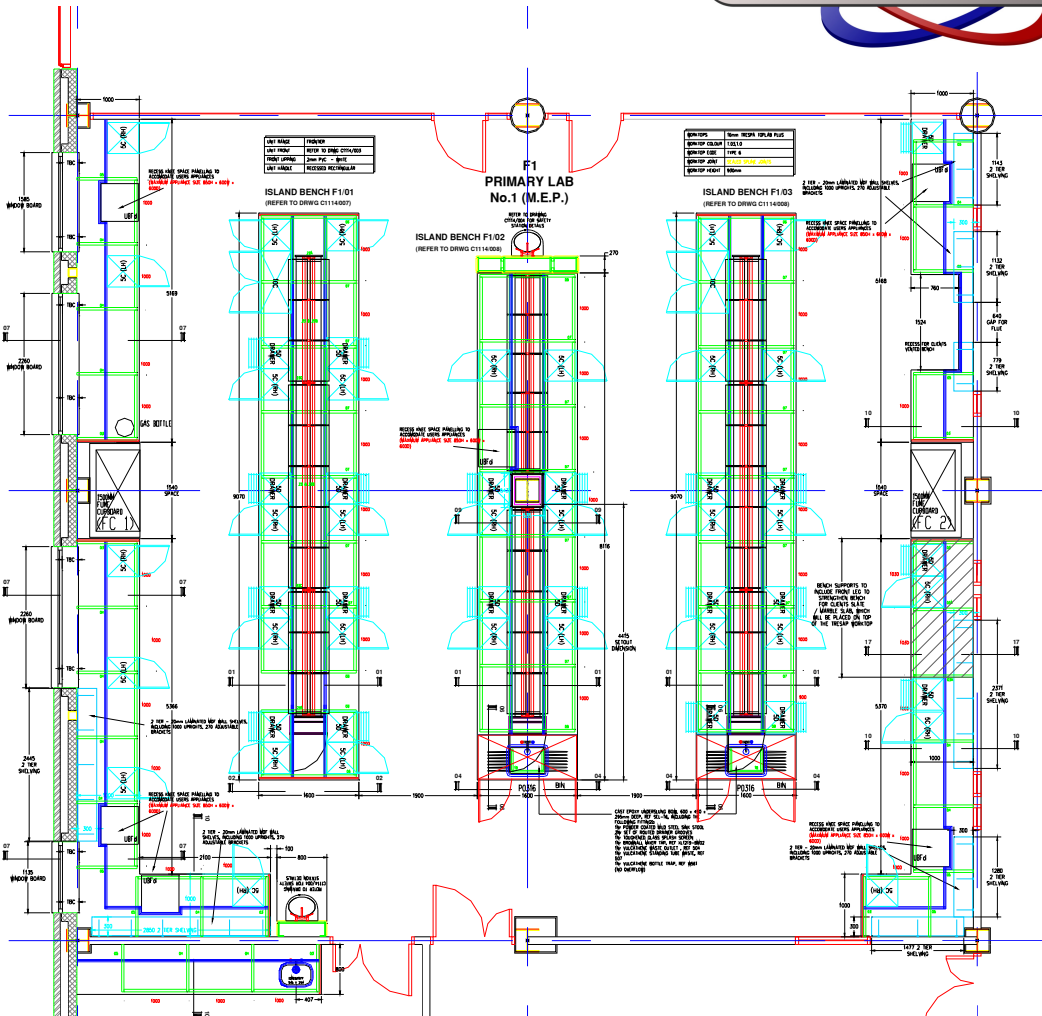
FBS Contracts is one of a limited number of companies that employs its own installation teams to ensure high quality workmanship throughout the project. All Fitters hold current CSCS cards. We operate the latest version of Autodesk AutoCAD and are on track for BIM Level 2 by the end of 2015, using Autodesk REVIT. We guarantee professional project management from design to installation. Our staff are highly experienced, qualified and completely motivated towards the goal of 'total customer satisfaction'.

FBS are registered with ConstructionLine (No.51682), Achilles Building Confidence and are a CHAS registered contractor.

Our sales team will be able to offer personal assistance in the design of your laboratory in accordance with your specific requirements and relevant HTM and British Standards.

The Finished Laboratory

FBS CONTRACTS LIMITED



Typical examples of computer aided drawing with photograph of finished laboratory.



FBS Worktop Specifications

FBS CONTRACTS LIMITED

Worktop Materials

The choice of worktop material is critical to the overall performance of the working laboratory. The selection listed below offer different properties depending on the client requirements, detailed chemical resistant and property characteristics available upon request. Other materials such as solid wood, stainless steel and slate are also available.

Solid Grade Laminate

Type 1 – General Laboratory Grade – TopLab Base

A 16mm or 20mm thick sheet of solid impervious laminate suitable for most installations. This material has a high scratch and wear resistance, together with a good chemical resistance.

Type 2 – TopLab Plus

Available in 16mm and 20mm thick sheet, toplab is a cellulose fibre reinforced phenolic resin core with a pigmented decorative surface. Used when areas are exposed to the most demanding environments. This material resists a wide range of aggressive chemicals,



Solid surfacing

A 40mm thick worktop suitable for Microbiological, Pathological, and Cleanroom environments. The worktop being formed from a 13mm thick non-porous, homogeneous surface, bonded to MDF baseboard. The joints in this material are seamless due to the methods of construction.



Laminate

A 28mm thick worktop suitable for general laboratory applications. Formed by bonding a face laminate to a particle board core with a suitable balancer to the reverse. The front edge can either be post formed or PVC lipped, subject to colour.

FBS Contracts standard colour chart for laminate available upon request.



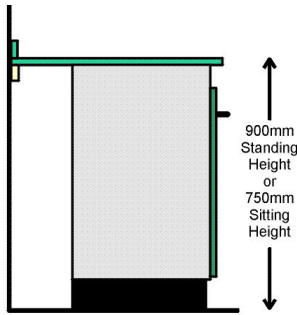
Epoxy Resin

A 15mm thick monolithic material suitable for virtually all laboratory applications and environments. This material offers excellent acid, alkali and solvent resistance along with heat and shock resistance properties. Various lippings can be fitted to contain spillages, also a range of sinks available in the same material.

A colour chart is available upon request.



System Specification

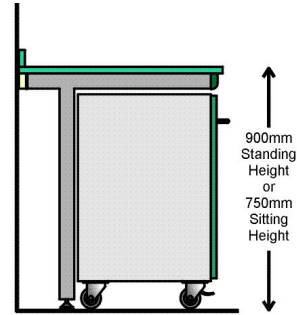


Fixed Pedestal

Underbench units 500 deep

Benefits & Uses

- Most cost effective
- Sealable for containment
- Rigid structure

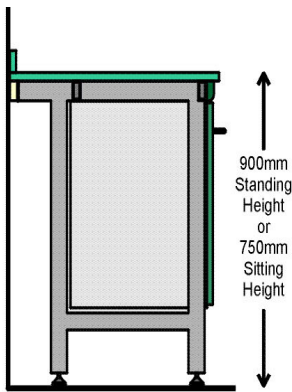


Cantilever

Underbench units 500 deep

Benefits & Uses

- Suitable for moveable and mobile units
- Excellent for cleaning
- Flexibility in storage locations

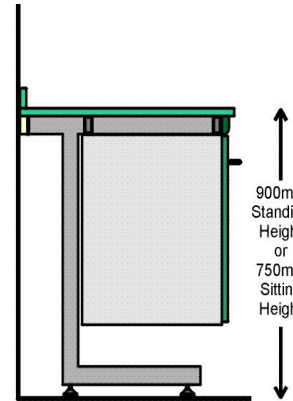


'A' Frame

Underbench units 500 deep

Benefits & Uses

- Suitable for heavy loading
- Good floor access for cleaning
- Location of storage units are limited between 'A' frames



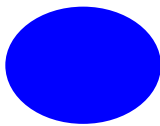
'C' Frame

Underbench units 500 deep

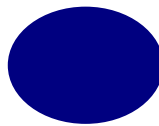
Benefits & Uses

- Self supporting
- Ideal for suspended units
- Flexible storage locations

Colours for Lippings



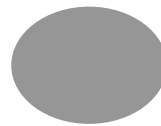
Electric Blue
RAL 5002



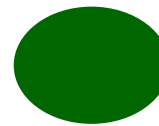
Navy Blue
RAL5003



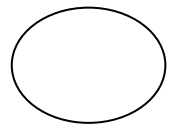
Beech
RAL 7088



Grey
RAL7035



Green
RAL6005



White
RAL9010

Selection of Stocked Handles



Satin Anodized Aluminium



Plastic 'D'
Also in Stainless Steel



Metal Bow

Please note: Colours shown here are approximate only to RAL Standards due to printing limitations we do not accept any responsibility for variation.

Standard Unit Specification



Contour Range

Two Postformed Edges



Frontier Range

Square Edges

Drawerbox

Blum Metabox epoxy coated combined runner & drawer sides. Bottom and back panel in 18mm

MFC or MDF as per carcass



Carcass

Melamine faced 18 mm MDF or chipboard

Shelf

One adjustable shelf to match carcass material, lipped all round with 5 adjustable positions

Mobile units supplied with 2 braked and 2 unbraked castors.
Fixed units supplied on a black moisture resistant MDF plinth

Edging

All edges lipped in 2mm PVC

Fronts

High pressure laminate faced 18mm MDF or chipboard with balancer to match carcass

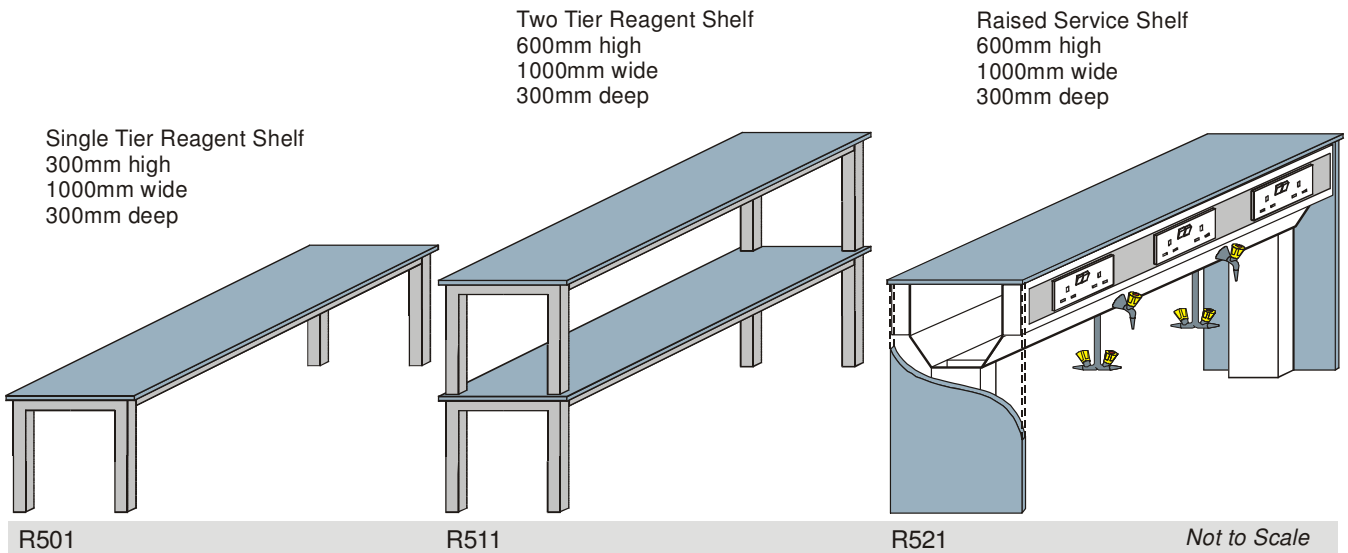
Hinges

Blum 170° concealed hinges

ALTERNATIVE SPECIFICATIONS CAN BE DISCUSSED

Full written specifications available upon request

Reagent Specification



Service spine and Reagent Shelves

Shelving can be produced to suit client requirements, ranging from single to multi-tier, and either single sided or double sided, with or without services.

Shelving can be from a fixed design to a fully adjustable system giving greater flexibility.



Reagent shelving can incorporate several tiers of shelving together with mechanical and electrical services.

Services can be fed from either below the bench or from overhead by means of service columns.

All mechanical services are suspended from the underside of the service spine, electrical services are mounted in a fixed trunking system. The style of trunking should be considered depending on the electrical installation, ie data sockets, telephone outlets, and visual display connections.

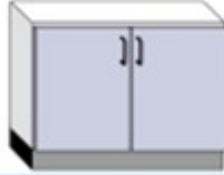
FBS Product Range



500mm Cupboard



1000mm Cupboard



500mm Drawer & Cupboard



1000mm Drawer & Cupboard



Pedestal	PO15	PO11	PO25	PO21
Cantilever	CO15	CO11	CO25	CO21
Suspended	SO15	SO11	SO25	SO21
'A' Frame	AO15	AO11	AO25	AO21



500mm Sink Cupboard



1000mm Sink Cupboard



500mm Four Drawer Unit



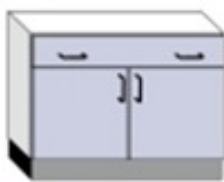
1000mm Four Drawer Unit



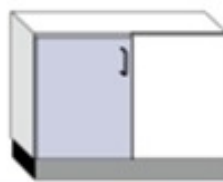
Pedestal	PO35	PO31	PO45	PO41
Cantilever	CO35	CO31	CO45	CO41
Suspended	SO35	SO31	SO45	SO41
'A' Frame	AO35	AO31	AO45	AO41



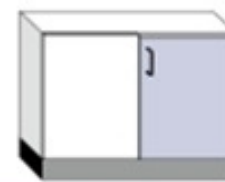
1000mm Single Drawer & Cupboard



1000mm Left Hand Corner Cupboard



1000mm Right Hand Corner Cupboard



500mm Bin unit



Pedestal	PO51	PO61L	PO61R	PO75
Cantilever	CO51	CO61L	CO61R	CO75
Suspended	SO51	SO61L	SO61R	SO75
'A' Frame	AO51	AO61L	AO61R	AO75



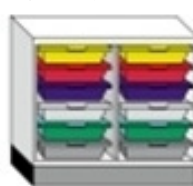
500mm Filing Drawer Unit



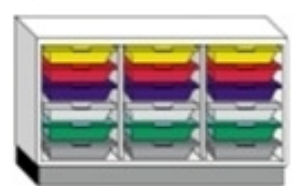
350mm Open Tray Unit



690mm Open Tray Unit



1014mm Open Tray Unit



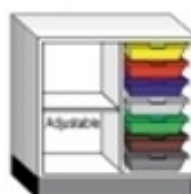
Pedestal	PO85	PO93	PO97	PO915
Cantilever	CO85	CO93	CO97	CO91
Suspended	SO85	SO93	SO97	SO91
'A' Frame	AO85	AO93	AO97	AO91



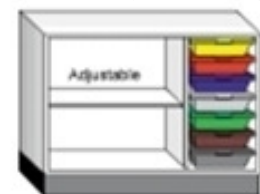
1000mm wide Bag Storage Unit 885mm high x 500mm Deep



500mm wide Open Tray/Shelf Unit 885mm high x 500mm Deep

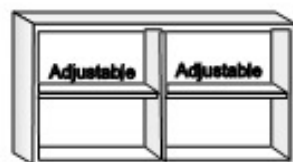


1000mm wide Open Tray/Shelf Unit 885mm high x 500mm Deep



Pedestal Units	EP10B	EPO7T	EP10T
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1000mm wide Open Wall Unit 600mm high x 300mm Deep



600mm wide Open Wall Unit 600mm high x 300mm Deep



500mm wide Open Wall Unit 600mm high x 300mm Deep



Open Wall Units	EW10	EWO6	EWO5
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Glazed Door Wall Cupboard
Inc one adjustable shelf
600mm high x 500mm wide or
1000mm wide



900 High W265 W261

Sliding Door Wall Cupboard
Inc one adjustable shelf
600mm high x 500mm wide or
1000mm wide



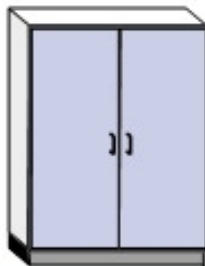
W271

Solid Door Wall Cupboard
Inc one adjustable shelf
600mm high x 500mm wide or
1000mm wide



W251

Tall Solid Door Cupboard
Inc five adjustable shelves
2000mm high x 1000mm wide



T301

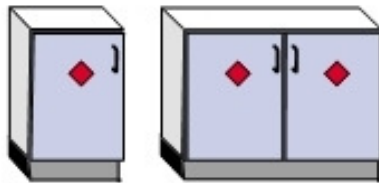
Tall Glazed Door Cupboard
Inc five adjustable shelves
2000mm high x 1000mm wide



T311

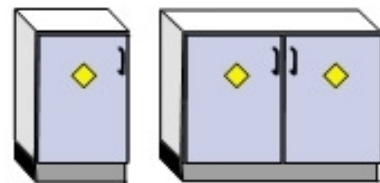


Solvent Storage Cupboard
Inc two adjustable shelves
800mm high x 500mm wide or 1000mm wide



H405

Acid Storage Cupboard
Inc two adjustable shelves
800mm high x 500mm wide or 1000mm wide



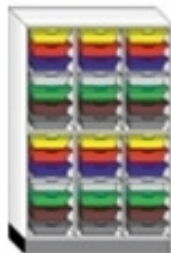
H415

H411



Controlled Drugs Cabinet

1053mm wide Open Tray Unit
1800mm High x 480mm Deep



708mm wide Open Tray Unit
1800mm High x 480mm Deep



357mm wide Open Tray Unit
1800mm High x 480mm Deep



Tall Tray Units

1000mm wide Book Shelf
1800mm High x 300mm Deep



Book Storage

EB18

ED105

1000mm wide Book Shelf
900mm High x 300mm Deep



EB10

500mm wide Book Shelf
900mm High x 300mm Deep

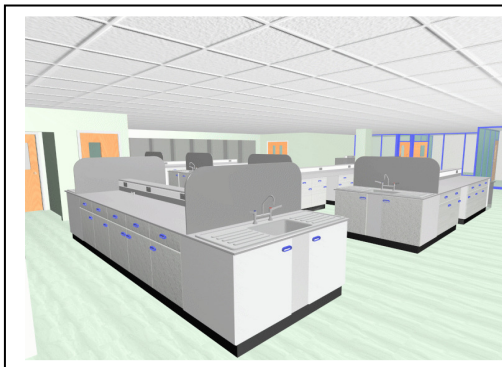


EB05

FBS Product Range



From Concept to Reality



FROM THIS

3D Modelling helps you visualise your laboratory

TO THIS



(this facility is subject to timescale of project)

Reception Counters and Nurses Stations

Reception Counter with glazed panels for an Accident and Emergency Department

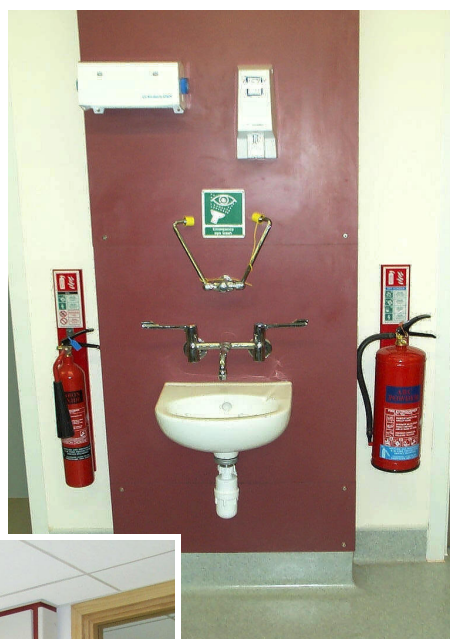


General Reception Counters and Nurses' Stations



FBS Product Range

Safety Stations



Combining a series of panels and services to provide a 'station' to meet clients' individual requirements

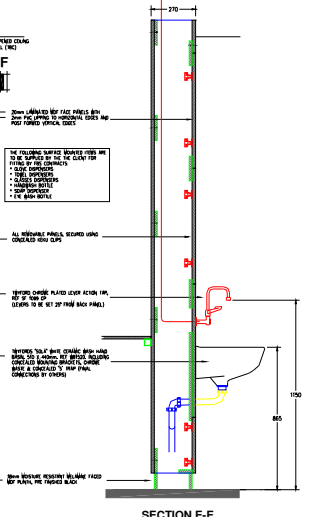
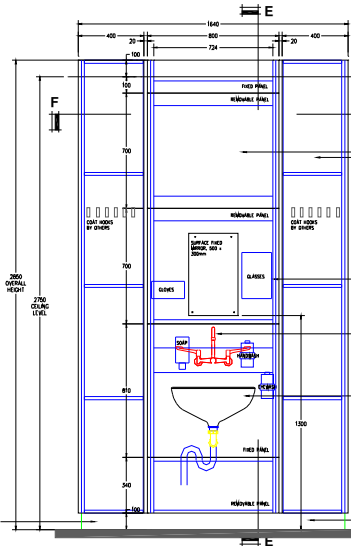
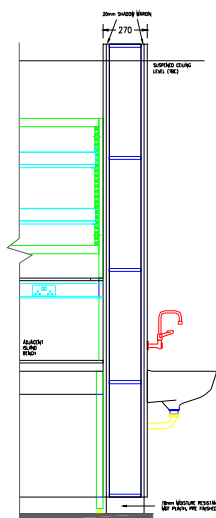
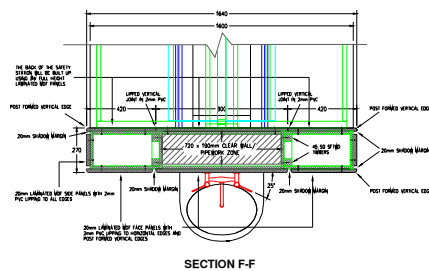
Stations can provide simple handwashing facilities or emergency eyewash facilities in case of an accident



FBS Product Range



Typical examples of computer aided drawing with photograph of finished laboratory.



FBS Product Range

As we manufacture all our own furniture, we are able to offer bespoke items to suit your individual applications and requirements. Samples of education furniture items are:



Mobile Tables



Equipment Trolleys



Storage Trolleys



Mobile book/tray trolleys



Service Bollards



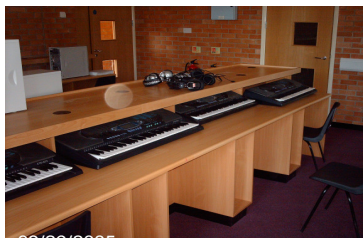
Octagons



Loose Tables



Computer Benching



Music Benching



Food Technology Tables



Height Adjustable Tables

FBS Contracts Limited

Comments from those who have worked with:

Laing O'Rourke Ltd	'I found the company's personnel to be extremely professional in their approach to the contract. They submitted high quality, detailed drawings and managed the project well throughout.'
Wates Construction	'The work carried out was completed to a very high standard and FBS proved to be extremely co-operative through the design stage as well as installation stage. We would highly recommend FBS to any other Contractor wishing to use them on a similar laboratory fit out.'
Kier Build	'From tender to completion FBS adopted a flexible pro-active approach to the project which was completed on time within budget. We look forward to working again with FBS Contracts in the future, and strongly recommend their service.'
Bovis Lend Lease - Pharmaceuticals	'They have performed to a high standard on all projects they have been engaged on, in terms of both the quality of workmanship and overall programme.'
Phoenix Contractors Ltd	'We have found the standard of workmanship both in manufacture and site fixing to be of the highest quality, borne out by the fact that little or no snagging has been required on the completed phases.'
Vinci Construction	'I feel it would be an opportune moment to thank FBS for the co-operation and pro-active approach they have shown during the course of the project. All have certainly made our task easier and enjoyable and we look forward to working with you on the next phase if possible.'
Bullock Construction	'May I also thank you, your company and your employees on site for the 100% effort and co-operation you gave me throughout the project. It was a great tribute to the lads on site to see them all work together in such trying conditions.'

Clients Include

Industrial

GlaxoSmithKline
Xenova
Astra Zeneca
Eli Lilly - Widnes/Basingstoke
MAFF – Weybridge/Thirsk
British Biotech Pharmaceuticals
Quintiles
Boots Company
Laporte Industries
The Welding Institute (TWI)
Urenco
AWE Aldermaston

Educational

Manchester Metro Uni
Imperial College London
University of Leeds
University of Liverpool
Cambridge University
Liverpool School Tropical Medicine
London School of Pharmacy
Salford University
Leicester University
Plymouth University
Nottingham University
Manchester University

Medical

Southampton General Hospital
Halifax Hospital
Christie Hospital
John Radcliffe Hospital, Oxford
Northern General Hospital
Glan Clwyd Hospital
Halton Hospital, Runcorn
Inst. Of Opthamology, London
Royal Devon & Exeter Hospital
BUPA Manchester
Bodmin Secure Hospital
Oldham General

FBS Product Range



Reagent Shelving

Reception Counters

Laminated Panels



Transfer Hatches

Fume Cupboards

Step Over Benches

Boot Racks



Clean Room Panels

Wash Hand Stations

Post Formed Vanity Units

Toilet Cubicles

Lockers

Shelving



Eye Wash Stations

Hospital Furniture to HTM63



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