



labfurniture

system solutions



theLAB
DESIGN EXPERT



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Scientists' Preferences

Quality Statement

We commit ourselves as a laboratory furniture and accessories manufacturer and supplier to provide product & services of the highest quality on a consistent basis.

In addition, we believe that conformance to internationally accepted standard supports its objectives of achieving the highest customer's satisfaction and we adopt a Quality Management System to achieve continuous improvement.

Support & Services

Comprehensive installation and support activities are part of our full service approach to ensure all customer requirements are met.

Our specialist work with in-country service teams of our country subsidiaries, distributors and dealers to install and commission systems locally and across borders. These partnership ensure that we deliver our product and services on time and in compliance with our Quality Management System.

1. VARIOUS TYPES OF BENCHES

- Island Bench
- Wall Bench
- Peninsular Bench

2. SINK ASSEMBLY

- A choice of poly propylene or epoxy sink of various size
- Water Faucet – 1,2 or 3 way Bench Mounted Tap with Swivel Swanneck and Fixed Nozzle

3. BASE CABINET SYSTEMS

- 3.1 Free Standing Cabinets
- 3.2 Mobile Base Cabinets
- 3.3 Suspended Base Cabinets

4. REAGENT RACKS

- 4.1 Double Layer Reagent Rack
- 4.2 Double Tier Sliding Glass Reagent Rack

5. WORKTOP MATERIAL

- Phenolic Worktop
- Epoxy Top (Local)
- Epoxy Top (Imported)

6. ACCESSORIES & FITTINGS

- Service outlet point
- Electrical Socket Outlet (13amp/15amp)
- Data Network Socket Outlet
- Telephone Socket Outlet
- Gas valve – 1,2 or 4 Way Bench Mounted Safety Lift-Turn Gas Valve with Fixed Serrated Nozzle
- Dilution Trap – A choice of 2.3L, 4.5L (under-bench), or 80L (Tank)

7. WALL HUNG CABINETS

- 7.1 Swing Metal Door
- 7.2 Swing metal Door with Glass Insert
- 7.3 Open Type without door

8. FULL HEIGHT STORAGE CABINET

- Swing Metal Door
- Full Glass Insert Door
- Open Type without Door

9. SAFETY STORAGE CABINETS

- Acid Cabinet
- Flammable Cabinet

10. ANTI VIBRATION TABLE

11. SAFETY SHOWER WITH EYE WASH

12. FUME CUPBOARD

13. SENSORY BOOTH

BENCHES WORKTOP COLOUR & MATERIALS

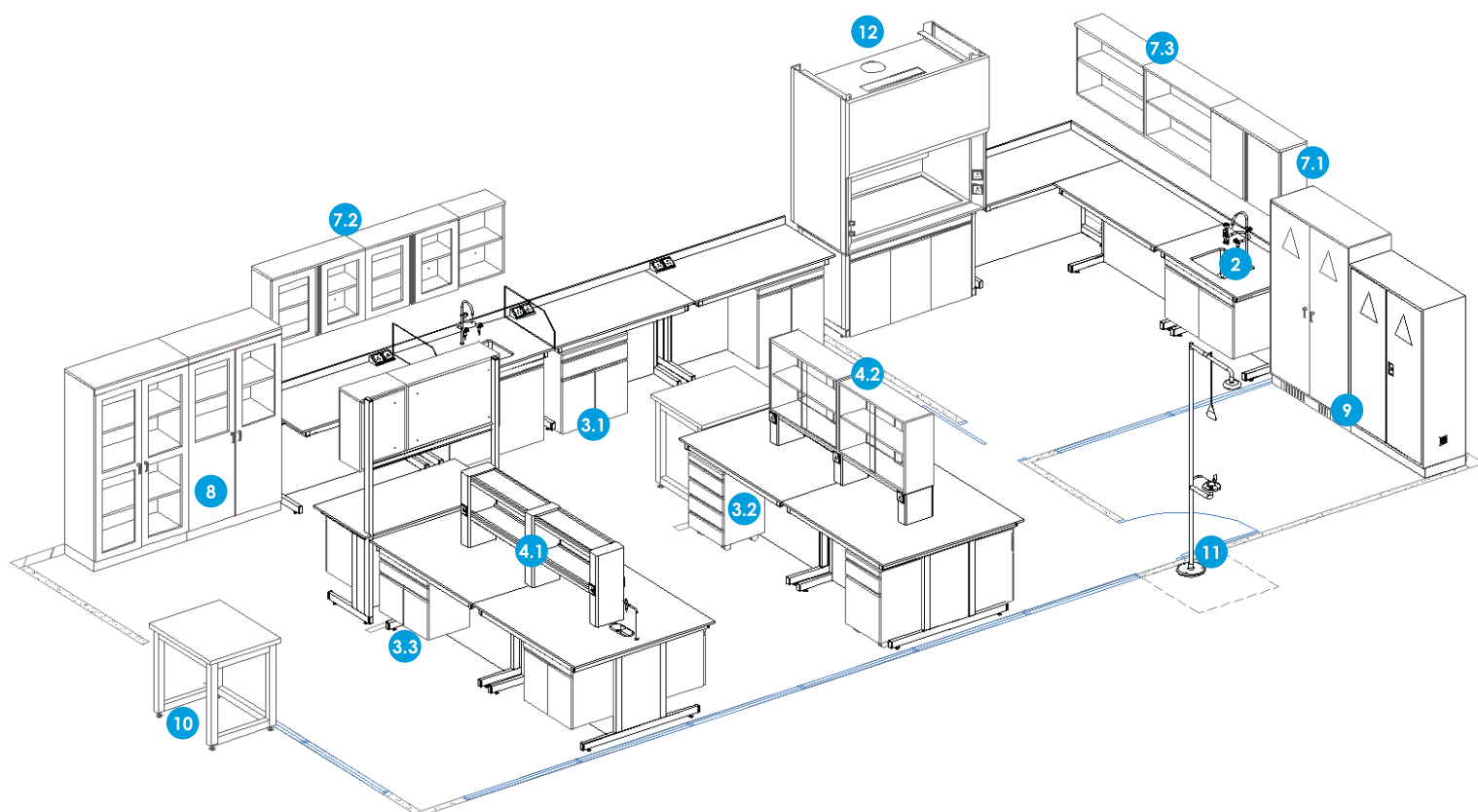
Light Grey Worktop



Black Worktop



WORKTOP	COLOUR	THICKNESS (mm)	WEIGHT CAPACITY (kg)	DEPTH FOR WALL BENCH (mm)	DEPTH FOR ISLAND BENCH (mm)
Phenolic Top	Black/Light Grey	12/16/18	240	600/750/800	1200/1500/1800
WORKTOP	COLOUR	THICKNESS (mm)	WEIGHT CAPACITY (kg)	DEPTH FOR WALL BENCH (mm)	DEPTH FOR ISLAND BENCH (mm)
Epoxy Top (Local)	Black/Light Grey	15/19	300	600/750/800	1200/1500/1800
Epoxy Top (Imported)	Black/Light Grey	15/19	300	600/750/800	1200/1500/1800



LABORATORY BENCHES



Workbench



Island Benches
with Tap & Faucet



Wall Benches



L-Shape
Workbench



Lab Benches with Reagent Racks



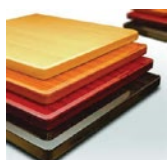
Phenolic Worktop Material



Phenolic worktop is a high-pressure solid composite panel, made from natural kraft paper and engineered as laboratory grade surfaces commonly exposed to acids, solvents, general reagents and cleaning agents. The natural kraft recycled papers are saturated / impregnated with phenolic resin and processed

under high heat and pressure to form a composite panel. The resultant lab grade panel provides a chemical and abrasion resistant property required for harsh conditions in wet laboratories of science labs, water treatment plants (WWT), research facilities, etc.

Epoxy Worktop Material



Epoxy is a solid cast, monolithic product, offering an excellent quality laboratory work surface and complementary sink units. The impressive heat and chemical resistance of solid cast epoxy resin makes epoxy the most popular choice for the rigors of a laboratory environment. The outstanding qualities of epoxy resin provide the safest, most economical and long-lasting work surface available.

- > High Chemical Resistant
- > Flame Retardant/Self Extinguishing
- > Heat Resistant (up to 193°C)
- > Non-Absorbent
- > Will Not Delaminate

CABINET SYSTEM SOLUTIONS

Free Stand Cabinet

Easy to place and move. Complete with adjustable legs to stand steady on uneven surface



Mobile Cabinet

Comes with lockable casters for high stability. Provides mobile extra storage, utility and work space



Suspended Cabinet

Suspended beneath benches to free up floor space for easy cleaning, etc



Product Specification

Modular Furniture System

1. Construction

All cabinets are constructed from 0.8mm thick electro-galvanized (E.G) plate. The entire cabinet is coated with baked epoxy powder. Frame structure 38 x 65 x 1.6mm thick RHS oven baked epoxy powder coat finish.

2. Accessories

Soft closure hinges for the doors. The shelves are adjustable in the allowed range based on the pre-punched holes to accommodate different storage needs.

Stand Base Cabinet (Under Bench)

ORDER NO	DESCRIPTION	LENGTH (L*)
FSC-004	1 drawer / 2 door	1000
FSC-005	2 door	1000
FSC-008	1 drawer / 2 door	700
FSC-009	2 door	700
FSC-010	4 drawer	500
FSC-012	1 drawer / 1 door	500
FSC-013	1 door	500

Easy to place and move. Complete with adjustable legs to stand steady on uneven surface.

Dim: (L*) x 450 (D) x 800 (H)



Mobile Base Cabinet (Under Bench)

ORDER NO	DESCRIPTION	LENGTH (L*)
MBC-004	1 drawer / 2 door	1000
MBC-010	4 drawer	500
MBC-011	3 drawer	500
MBC-012	1 drawer / 1 door	500

Comes with lockable casters for high stability. Provides mobile extra storage, utility and work space.

Dim: (L*) x 450 (D) x 800 (H)



Full Height Storage Cabinet

ORDER NO	DESCRIPTION	LENGTH (L*)
FHC-004	Swing metal door / lock	1000
FHC-006	Full glass insert door / lock	1000
FHC-008	Open type w/o door	1000

Metal Based Cabinet coated with baked epoxy coating. Every cabinets comes complete with 4 shelves.

Dim: (L*) x 450 (D) x 1800 (H)



Suspended Cabinet System (Under Bench)

ORDER NO	DESCRIPTION	LENGTH (L*)
SBC-002	3 drawer	1000
SBC-004	1 drawer / 2 door	1000
SBC-005	2 door	1000
SBC-008	1 drawer / 2 door	700
SBC-009	2 door	700
SBC-010	4 drawer	500
SBC-012	1 drawer / 1 door	500
SBC-013	1 door	500

Suspended beneath benches to free up floor space for easy cleaning.

Dim: (L*) x 450 (D) x 575 (H)



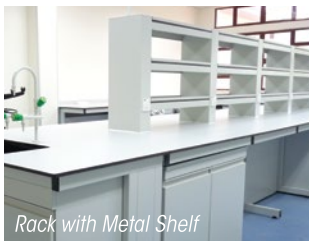
Wall Hung Cabinet

ORDER NO	DESCRIPTION	LENGTH (L*)
WHC-001	c/w 2 metal swing door	1000
WHC-002	c/w 2 metal swing door with glass insert	1000
WHC-004	open type w/o door	1000

Dim: (L*) x 300 (D) x 700 (H)



Accessories



Rack with Metal Shelf



Rack with Sliding Glass Door

Reagent Rack

MODEL NO	DESCRIPTION	W	D	H
RR-001	300H - Single Layer Phenolic (Grey)	1000	300	300
RR-002	700H - Double Layer Phenolic (Grey)	1000	300	700
RR-003	Metal 700H c/w Sliding Glass Door	1000	300	1000
RR-004	700H - Double Layer Phenolic - Custom	1000	300	700
RR-005	300H - Single Layer Phenolic - Custom	1000	300	300

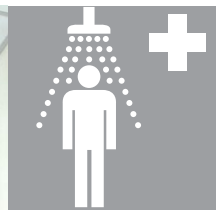


Anti Vibration Table (Granite Top)

AVT-90
W x H x D 900 x 900 x 750 mm
40mm thick granite surface
worktop with RHS 65x65x3.0
fully welded structure and
anti vibration levelling legs.



Sensory Booth Custom Made

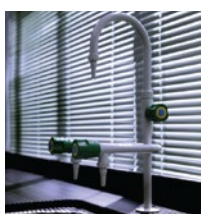


Safety Shower

ECB 10022AB
W x H x D 250 x 2300 x 600 mm



Functional Storage Solutions



Sink, Taps & Faucets



Drying Rack (Grey)



Extraction Arm

Lab Stool Draftman Chair

CR FUME CUPBOARD

Fume Cupboard are most commonly used in laboratories and they are designed to protect the user's exposure to hazardous or noxious fumes that are released during testing, research, development or teaching. CR Fume Cupboard accomplishes this task by having an inner liner constructed of chemically resistant material, a marine edge that prevents spillages or seepages from reaching the operator, clear tempered glass sash that acts as a safety barrier and an air extraction system that briskly and effectively removes harmful or toxic gases and prevents leakage into the working environment. The Fume Cupboards are designed to comply with the widely acknowledged standard ASHRAE 110-1995.



FRONT PANEL

Comes with 'Hook-up Front Panel' which allows effortless replacement and servicing.

INTERNAL LINER of THE FUME

Cupboard is built from phenolic board and independent; separated from the front column. Such improved modular version not only scale up production capability but also improves delivery lead time.

FRONT COLUMN

Bevel face of front column guides air-ingress without turbulence.

WORKTOP

Optional of Epoxy worktop or phenolic worktop which both come in marine edging.

SASH

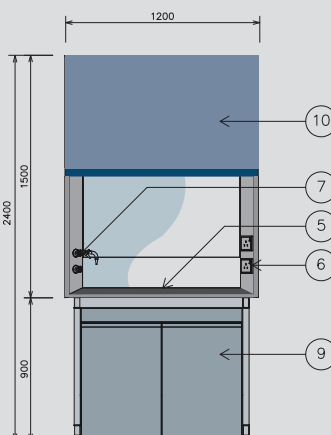
Constructed from 6mm tempered glass with guide rail and secure by 2 independent plastic laminated steel wire rope for lock in position.

STORAGE

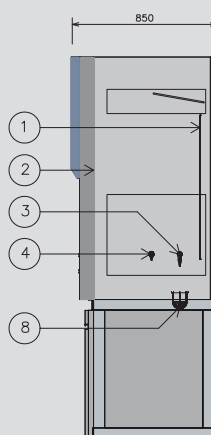
Optional of Acid or Flammable cabinet replace of normal base cabinet.

1. Detachable baffle.
2. Sliding sash of tempered glass.
3. One way cold water nozzle (wall mounted type).
4. One way LPG gas nozzle (wall mounted type).
5. Phenolic resin worktop with marine edge (optional: epoxy resin).
6. 13 amp power point (15A optional).
7. Remote control for cold water and LPG gas outlet.
8. Circular drip cup with anti siphon bottle trap.
9. Support stand or cabinet (optional)
10. Exhaust outlet with air damper (optional) connect to centrifugal suction fan.

FRONT ELEVATION



SIDE ELEVATION



SPECIFICATIONS

STANDARD MODEL	CR1200FC-P	CR1500FC-P	CR1800FC-P	CR2400FC-P
DIMENSION (W x D x H) MM	1200 x 850 x 2400	1500 x 850 x 2400	1800 x 850 x 2400	2400 x 850 x 2400
INTERNAL DIMENSION	1010 x 700 x 1200	1310 x 700 x 1200	1610 x 700 x 1200	2210 x 700 x 1200
BASE CABINET	934 x 450 x 815	1234 x 450 x 815	1534 x 450 x 815	2134 x 450 x 815
CONSTRUCTION	Main Body : Baked epoxy coated 1.2mm electro-galvanised (EG) steel Interior : Phenolic Resin Table Top : Phenolic Resin or epoxy c/w marine edge Sash : Tempered glass 6mm thickness			
LIGHTING	2 units energy saver non-glare & soft fluorescent light for interior illumination			
SUCTION FAN	Seat fan blower c/w PP impeller and housing IP 55 rated motor			
SERVICE FIXTURES	Polypropylene Oval Drip Cup 1 unit gas fixture 1 unit water fixture 2 units of 13 Amp electrical socket outlet			
STANDARD COMPLIANCE	Designed to comply to ASHRAE 110-1995			



Acid Storage Cabinet

FEATURES

- Welded construction maintains rigidity and provides better protection
- Chemical resistant epoxy powder coat prevents corrosion
- Adjustable levelling legs
- Prominent hazard label at door
- Adjustable shelves with optional removable spill-tray
- Top ventilation complete with 50mm outlet
- Self-latching doors and lockable flush handle

MODELS	AC-1110H	AC-1650H
External Dimension (W x D x H)	1090 x 450 x 1110	1090 x 450 x 1650
Internal Dimension (W x D x H)	990 x 360 x 990	990 x 360 x 1530
Capacity	30 US gallons	45 US gallons
Standard Shelves	2 adjustable	3 adjustable
Construction	- 1.2mm thick Electro-galvanized steel plate - Baked epoxy powder coat finish	
Chemical Resistance Tray	PVC tray (optional)	



Flammable Storage Cabinet

FEATURES

- Welded construction maintains rigidity and provides better protection
- 3-point self-latching swing doors with lockable flush handle
- Adjustable levelling legs
- 50mm raised Leakproof sill
- Double wall construction with 40mm air buffer
- Prominent hazard label at door
- Chemical resistant epoxy powder coat prevents corrosion
- Adjustable shelves with optional removable spill-tray
- Dual vents with built-in flame arrester located at top & opposite base to facilitate crossflow

MODELS	FL-1110H	FL-1650H
External Dimension (W x D x H)	1090 x 450 x 1110	1090 x 450 x 1650
Internal Dimension (W x D x H)	990 x 360 x 990	990 x 360 x 1530
Capacity	30 US gallons	45 US gallons
Standard Shelves	2 adjustable	
Construction	- Double wall build with 1.2mm Electro-galvanized steel & 40mm air buffer - Baked epoxy powder finish	
Chemical Resistance Tray	PVC tray (Optional)	

(Manufactured according to OSHA and NFPA code 30 standards)

Manufactured by Chemoresources Sdn Bhd (44497-M)

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