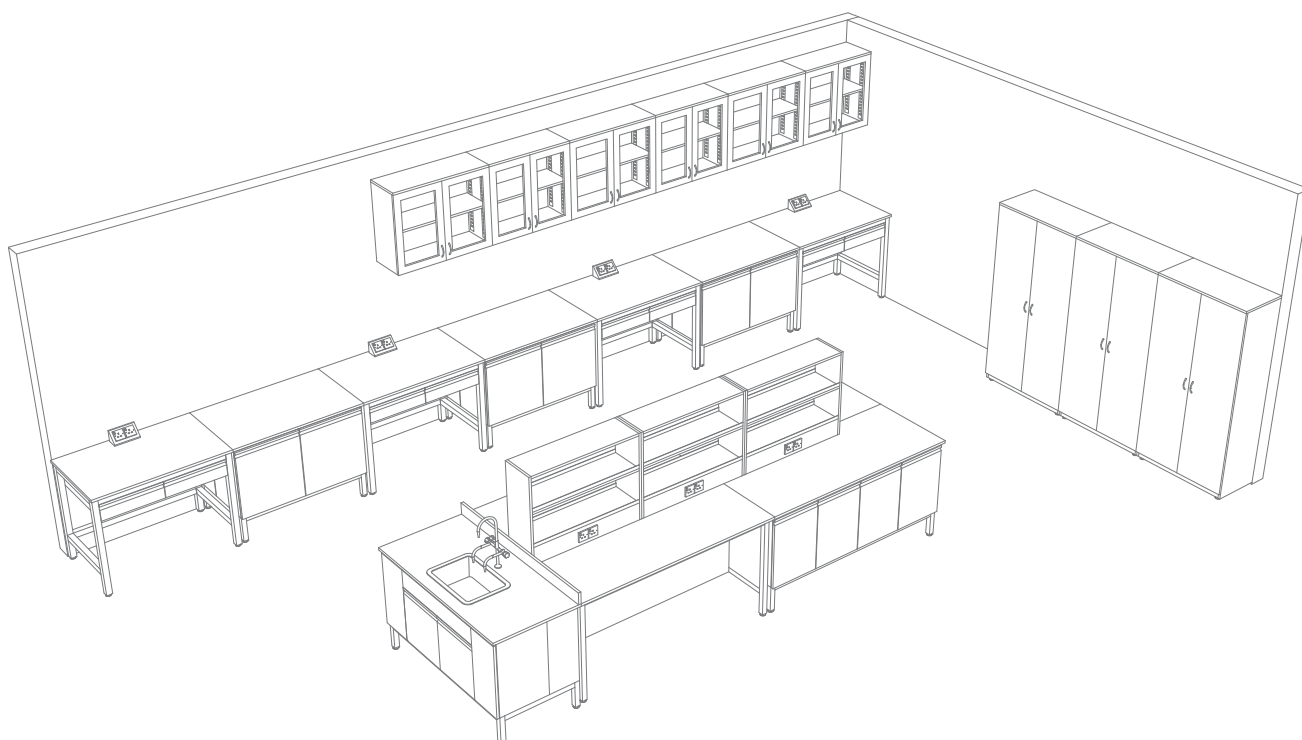


# MODULAR LABORATORY SYSTEM - MODLAB -



# CONTENT

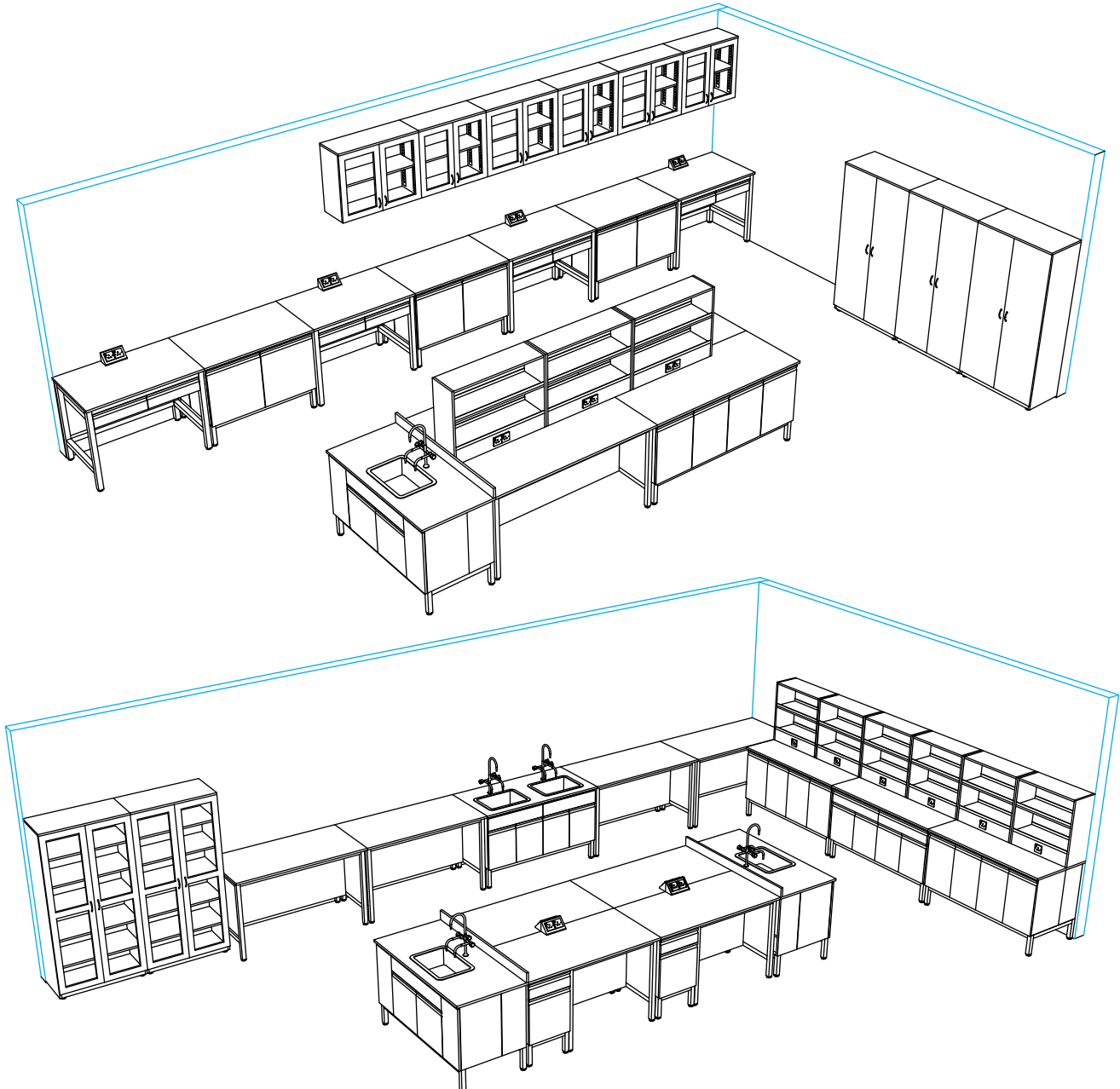
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# MODLAB - ABOUT US

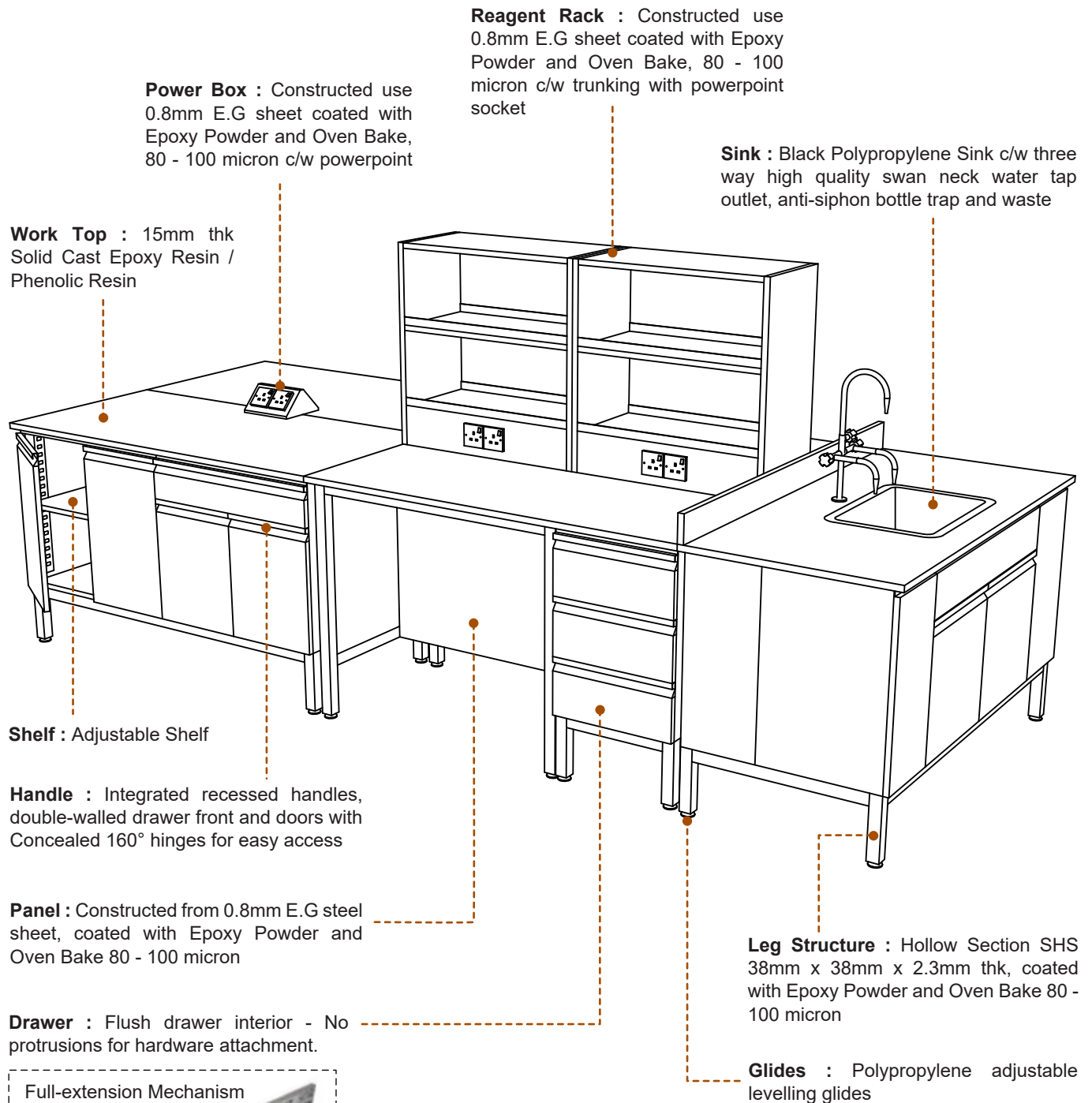
We are a professional manufacturer of lab benches that produce and sell since established in 1983. Our company is constantly striving to innovate, gradually expanding the range of products and markets, and constantly improving and perfecting products to meet the needs of many customers. Our latest concept is to minimize the site installation work thus able to cut down costs for the lab benches.

Our Expertise :




- DESIGN & BUILD
- LABORATORY FURNITURE
- MANUFACTURER
- INDUSTRIAL & ESD WORKBENCH
- PROJECT MANAGEMENT



# MODLAB MATERIAL SPECIFICATION



# MODLAB WORKTOP SURFACE

			
<b>Description</b>	<b>Epoxy Resin</b>	<b>Phenolic Resin</b>	<b>Stainless Steel</b>
<b>Basic Material</b>	Epoxy resins and inert materials	Solid Core Phenolic	Type 304 stainless steel
<b>Physical Properties</b>	Extremely hard		Heavy-gauge Type 304
<b>Appearance / Colour</b>	Low sheen finish, Black and grey	Smooth finish, Black and colours	Smooth satin finish
<b>Ease of Cleaning</b>	Good	Good	Excellent
<b>Chemical Resistance</b>	Excellent resistance to wide range of acids, solvents and alkalis	Excellent resistance to wide range of acids, solvents and alkalis	Good resistance to wide range of chemicals; subject to attack by some
<b>Heat Resistance</b>	Excellent	Good	Discolours at high temperature
<b>Impact Resistance</b>	Excellent	Good	Excellent
<b>Load Capacity*</b>	Good	Good	Excellent
<b>Electrical Conductivity</b>	None	None	Highly conductive
<b>Moisture Resistance</b>	Excellent	Good	Superior
<b>Standard Thickness**</b>	19mm , 25mm	12mm, 15mm 18mm, 25mm	N.A

\* Load capacities are also determined by supporting structures.

\* Work surfaces with non-standard thicknesses are also available.

# MODLAB1200 MODULAR LAB BENCH SYSTEM

LAB BENCH SIZE : 1200mmL x 750mmD x 900mmH



1200 KS



1200 KS-1S



1200 KS-1S1D



1200 KS-3D



1200 2S



1200 2S2D



1200 1S-3D



1200 1S1D-3D



1200 SC

**Notes :**

- \* Backsplash will be provided at sink bench area or upon request
- \* Cabinet position left and right can be changed upon request

# MODLAB1500 MODULAR LAB BENCH SYSTEM

LAB BENCH SIZE : 1500mmL x 750mmD x 900mmH



1500 KS



1500 KS-1S



1500 KS-1S1D



1500 KS-3D



1500 2S-2S



1500 2S1D-2S1D



1500 2S-2S1D



1500 2S-3D



1500 2S1D-3D



1500 SC



1500 SC-2S



1500 SC-2S1D



1500 SC-SC



1500 SC-3D



1500 SC-KS

**Notes :**

\* Backsplash will be provided at sink bench area or upon request

\* Cabinet position left and right can be changed upon request

# MODLAB1800 MODULAR LAB BENCH SYSTEM

LAB BENCH SIZE : 1800mmL x 750mmD x 900mmH



1800 KS



1800 KS-2S



1800 KS-2S1D



1800 KS-3D



1800 2S-2S



1800 2S1D-2S1D



1800 2S-2S1D



1800 2S-1S-3D



1800 2S1D-1S1D-3D



1800 SC



1800 SC-SC



1800 SC-KS



1800 SC-2S



1800 SC-2S1D

**Notes :**

- \* Backsplash will be provided at sink bench area or upon request
- \* Cabinet position left and right can be changed upon request

# MODLABEXTRA MODULAR LAB BENCH SYSTEM

LAB BENCH SIZE : Varies Length x 750mmD x 900mmH

## KNEE SPACE SERIES (ADDITIONAL)



900 KS



750 KS

## KNEE SPACE OPEN SERIES



1500 KSO



1200 KSO



900 KSO



750 KSO

## SUSPENDED DRAWER SERIES



1500 SD



1200 SD



900 SD



750 SD

## OPEN SHELF SERIES



900 OS-0



900 OS-1



900 OS-2

# SAMPLE PRODUCT ARRANGEMENT FOR MODLAB 1200

## MODLAB SET 1200-W01

Overall Size : 3600mmL x 750mmD x 900mmH

Consist of :

- ◆ 1200 KS (2 units)
- ◆ 1200 2S1D (1 unit)
- ◆ Additional Item : Powerpoint Socket (2 units)



## MODLAB SET 1200-W02

Overall Size :

3600mm/1950mmL x 750mmD x 900mmH

Consist of :

- ◆ 1200 KS (2 units)
- ◆ 1200 2S (1 unit)
- ◆ 1200 SC (1 unit)
- ◆ Additional Item : Backsplash, PP Sink and 3 Way Water Tap



## MODLAB SET 1200-IB01

Overall Size : 2400mmL x 1500mmD x 900mmH

Consist of :

- ◆ 1200 2S (1 unit)
- ◆ 1200 SC (1 unit)
- ◆ Additional Item : PP Sink and 3 Way Water Tap



## MODLAB SET 1200-IB02

Overall Size : 2400mmL x 1500mmD x 900mmH

Consist of :

- ◆ 1200 KS-1S (2 units)
- ◆ 1200 KS-1S1D (2 units)
- ◆ Additional Item :  
Reagent Rack with Powerpoint Socket (2 units)



## MODLAB SET 1200-W03

Overall Size : 2400mmL x 750mmD x 900mmH

Consist of :

- ◆ 1200 KS (1 unit)
- ◆ 1200 SC (1 unit)
- ◆ Additional Item :  
Backsplash, PP Sink, 3 Way Water Tap,  
Powerpoint Socket



### Notes :

\* Cabinet types, position left and right can be changed upon request

\* Customization of sizes are available

# SAMPLE PRODUCT ARRANGEMENT FOR MODLAB 1500



## MODLAB SET 1500-WB01

Overall Size : 3000mmL x 750mmD x 900mmH

Consist of :

- ◆ 1500 KS-SC (2 units)
- ◆ Additional Item : PP Sink, 3 Way Water Tap, Powerpoint Socket, Backsplash

## MODLAB SET 1500-WB02

Overall Size :

4500mm/1950mmL x 750mmD x 900mmH

Consist of :

- ◆ 1500 KS-1S (4 units)
- ◆ Additional Item : Reagent Rack



## MODLAB SET 1500-IB01

Overall Size : 4500mmL x 1500mmD x 900mmH

Consist of :

- ◆ 1500 KS (5 units)
- ◆ Additional Item : Powerpoint Socket

## MODLAB SET 1500-IB02

Overall Size :

3750mmL x 1500mmD x 900mmH

Consist of :

- ◆ 1500 KS-1D1S (4 units)
- ◆ 1500 SC (1 unit)
- ◆ Additional Item : Powerpoint Socket, PP Sink, 3 Way Water Tap, Backsplash



### Notes :

\* Cabinet types, position left and right can be changed upon request

\* Customization of sizes are available

# SAMPLE PRODUCT ARRANGEMENT FOR MODLAB 1800



## MODLAB 1800-W01

Overall Size : 5400mmL x 750mmD x 900mmH

Consist of :

- ◆ 1800 KS-SC (2 units)
- ◆ 1800 KS (1 unit)
- ◆ Additional Item : PP Sink, 3 Way Water Tap, Backsplash



## MODLAB 1800-W02

Overall Size : 3600mmL x 750mmD x 900mmH

Consist of :

- ◆ 1800 2S-2S (1 unit)
- ◆ 1800 2S1D-2S1D (1 unit)
- ◆ Additional Item : Reagent Rack

## MODLAB 1800-IB01

Overall Size : 1800mmL x 1500mmD x 900mmH

Consist of :

- ◆ 1800 2S-2S1D (2 units)



## MODLAB 1800-IB02

Overall Size :

3600mmL x 1500mmD x 900mmH

Consist of :

- ◆ 1800 KS-3D (4 units)
- ◆ Additional Item : Reagent Rack

Notes :

\* Cabinet types, position left and right can be changed upon request

\* Customization of sizes are available

# SAMPLE PRODUCT ARRANGEMENT FOR MODLAB COMBINATION



## MODLAB COMBO SET-WB01

Overall Size : 6000mmL x 750mmD x 900mmH

Consist of :

- ◆ 1200 SD (3 units)
- ◆ 1200 2S (2 units)
- ◆ Additional Item : Powerpoint Socket



## MODLAB COMBO SET-WB02

Overall Size :

4200mmL x 750mmD x 900mmH

Consist of :

- ◆ 1200 SC (1 units)
- ◆ 1500 KSO (2 units)
- ◆ Additional Item : Powerpoint Socket, PP Sink, 3 Way Water Tap



## MODLAB COMBO SET-WB03

Overall Size :

4050mm/1800mmL x 750mmD x 900mmH

Consist of :

- ◆ 900 OS-1 (1 unit)
- ◆ 1200 SC (1 unit)
- ◆ 1200 2S2D (1 unit)
- ◆ 1800 KS (1 unit)
- ◆ Additional Item : Powerpoint Socket, PP Sink, 3 Way Water Tap



## MODLAB COMBO SET-IB01

Overall Size : 2700mmL x 1500mmD x 900mmH

Consist of :

- ◆ 1500 KSO (2 units)
- ◆ 1200 SC (2 units)
- ◆ Additional Item : Powerpoint Socket, PP Sink, 3 Way Water Tap, Backsplash



## MODLAB COMBO SET-IB02

Overall Size : 3000mmL x 1500mmD x 900mmH

Consist of :

- ◆ 1200 SC (2 units)
- ◆ Additional Item : Powerpoint Socket, PP Sink, 3 Way Water Tap





### Notes :

\* Cabinet types, position left and right can be changed upon request

\* Customization of sizes are available

# MODLAB - RACK AND CABINETS


## WALL HUNG CABINET SERIES

PRODUCT NAME			
			
OPEN SHELF	SWING DOOR	GLASS SWING DOOR	GLASS SLIDING DOOR
LENGTH (MM)		DEPTH (MM)	HEIGHT (MM)
400 / 500 / 600 / 750 / 800 / 900		350	800

## HIGH CABINET SERIES

PRODUCT NAME			
			
OPEN SHELF	SWING DOOR	GLASS SWING DOOR	GLASS SLIDING DOOR
LENGTH (MM)		DEPTH (MM)	HEIGHT (MM)
400 / 500 / 600 / 750 / 800 / 900		400	1800 / 2100 / 2400

## REAGENT RACK SERIES

PRODUCT NAME	LENGTH (MM)	DEPTH (MM)	HEIGHT (MM)
	750 900 1000	350	800
REAGENT RACK			

# FUME HOOD AND VENTILATION

## FUME CUPBOARD

**Fume Cupboard** purposes is to extracts noxious fumes, vapors or dusts. Protects user, product or experiment and the environment. Available in different sizes and colours can be customized according to client personal preferences.



## CANOPY HOOD

**Canopy Hood** use to extract hazardous gas and heat and commonly use with furnace and incinerator. It mostly available in stainless steel or cast steel.





# LABORATORY ACCESSORIES

## LAB SINK & WASTE SYSTEM

Lab sink & waste system are designed and developed to meet the requirements of modern laboratories and are specifically for use with potable water supply. We have various types of lab sink fittings such as bottle trap, sink waste, polypropylene lab sink, F.I to Pipe Couplers and



## GAS FITTING

Gas fitting are designed for use with special gases and burning gases. All gas fittings are made of solid brass pressings alongside high quality brass tubes, both closely monitored by the Quality Control department to ensure problem free machining.



## WATER FITTING

Water fittings are designed and developed to meet the requirements of modern laboratories and are specifically for use with portable water supply. When installing fittings, local water bylaws must be adhered to.



## LABORATORY CHAIRS & STOOLS

Available in a variety of designs materials, we offer multi and specialist application ranges, including ESD static-safe and sterile/ clean-room products, designed to ensure that both the ergonomic requirements of the user and the demanding technical requirements of the laboratory are met.

