

Sky Lab

Commercial Laboratory Solutions



HB Furniture
Office Furniture Since 1964

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Our Clients

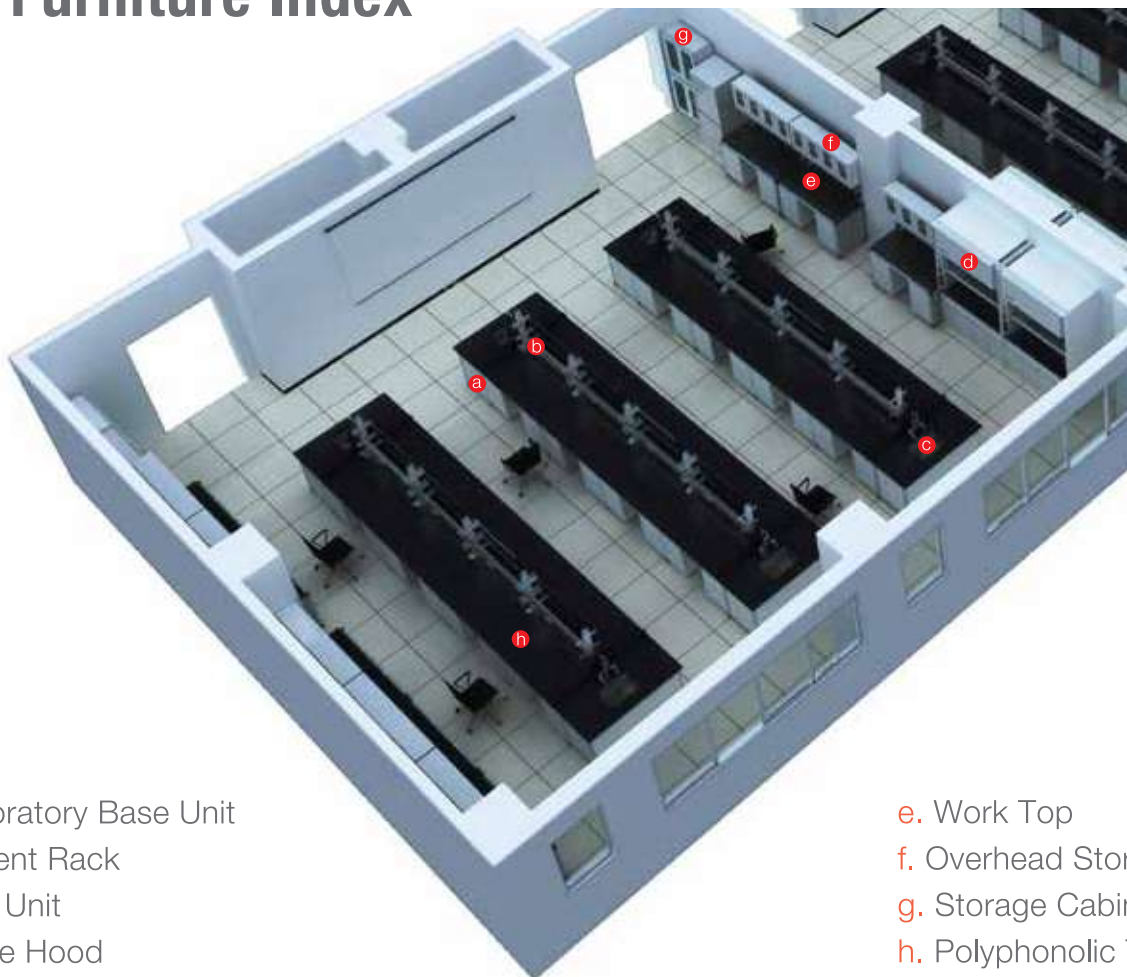
Introduction:

Established in 1967 HB Furnitures is a leading Pakistani manufacturer of distinctively different and unique furniture solutions for workplaces. HB Furniture is considered as the Pioneer in the lab manufacturing field in Pakistan, HB has erected more labs then any other company in Pakistan.



Welcome Pharmaceutical, Karachi 1967

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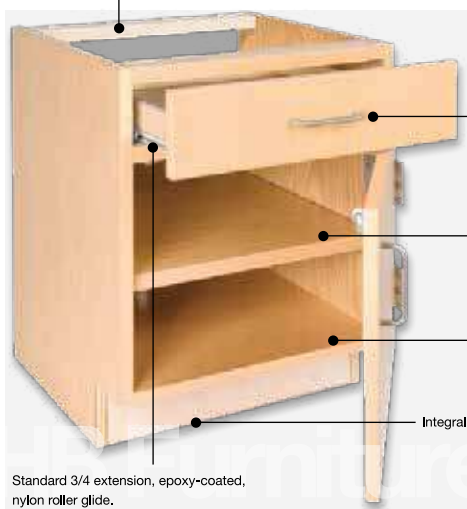
LAMINATE CABENITRY & REGENT RACKS

HB Skylab is a new generation of laminate technology which is setting the industry standard and is engineered to withstand corrosive elements and extreme working conditions. Extremely flexible, durable, and affordable, our high-quality plastic laminate casework (including polypropylene and phenolics resin) offers superior and adaptable designs that integrate seamlessly into any lab setting. Our mobile cabinets and carts enable easy relocation so you can always bring your labwork with you. Our virtually limitless array of colors and patterns are designed to blend into or accent any laboratory décor.



Flexibility, superior quality and exacting specifications enhance the value of any scientific environment.

Stretcher rails doweled, glued and screwed to end panels.



Wire or flush pulls in a variety of styles and finish options.

Adjustable full-depth, half-depth or split shelves.

Laminate/plywood case bottom.

Integral toekick, doweled and glued to end panels.

Standard 3/4 extension, epoxy-coated, nylon roller glide.

“HB Skylab, the next generation of laminate based lab systems”

Metal Base Laboratory System

When durability is a priority, HB Skylab sturdy steel, stainless steel casework is the ultimate solution. It's ideal for the demanding labwork performed in heavy use areas such as industrial labs and research and development institutions. Resistant to corrosive elements, our metal casework can withstand frequent cleaning and topical contaminants—providing an excellent return on investment and decades of reliable, resilient use. Labscape shears, notches, punches, and carefully forms each and every component for precise assembly. Available in a wide variety of colors and options, HB Skylab offers a complete range of steel products designed for your specific needs.



“Resistant to corrosive elements, our metal casework can withstand frequent cleaning and topical contaminants,”



WORKTOP & CHEMICAL RESISTANCE

Laboratory Worktops are made with materials to withstand certain conditions and chemicals, Worktops are recommended to our clients keeping in perspective of their needs.

Melamine facing/postforming	
Critical Substances	Acids in concentrations > 10%
Damaging substances	Concentrated hydrochloric acids Nitric acid Heated sulphuric acid
Advantage	Flat
Limitations	Joints sensitive to moisture Medium chemical resistance
Use	Mobile table, add-on table, window benches instrument banches and laboratory benches in the dry area Cannot be used in the moist or wet area
Weight (kg/m ²)	19.6
Overall thickness (mm)	30

Polypropylene	
Critical substances	Hydrocarbons, Citric acid, Oxalic acid Carbon tetrachloride, Diesel oil
Damaging substances	Ozone Concentrated nitric acid Chloroform, Petrol, Benzol
Advantage	No joints, Flat, Light High chemical resistance to acids and many solvents
Limitations	Soft surface sensitive to scratches Sensitive to heat
Use	Areas with high resistance to chemicals Working with hydrofluoric acid Radio-isotope area Areas in which the lack of joints is important
Weight (kg/m ²)	20.3
Overall thickness (mm)	30

Stainless Steel	
Critical Substances	Cadmium, Lactic acid, Oxalic acid
Damaging substances	Compound containing chlorine and bromine Formic acid, Sulphuric acid
Advantage	No joints, High resistance to solvents High temperature resistance
Limitations	Sensitive to halogens and their compounds
Use	For maximum loads in the area of decontamination and moisture resistance as well as solvent resistance Pathology, Microbiology, Pharmacy, Radio-isotope area
Weight (kg/m ²)	27.5
Overall thickness (mm)	30

Epoxy	
Critical Substances	Various Solvents Diluted acids
Damaging substances	Hydrofluoric acid Concentrated warm mineral acids
Advantage	No joints Solid panel High mechanical load capacity
Limitations	Surface sensitive to scratches Sensitive to concentrated acids
Use	Laboratory workstation of all type
Weight (kg/m ²)	32
overall thickness (mm)	19
Increased edge (mm)	7

Corien/Solid Surface	
Critical substances	None
Damaging Substance	Hydrofluoric acid
Advantage	Best chemical resistance Mechanically stable Easy to dispose of
Limitations	Evenness tolerances due to firing process, Thermodynamic stress limited
Use	Areas subject to very high chemical and mechanical stress
Weight (kg/m ²)	56
Overall thickness (mm)	26



FUMING CHAMBERS

Laboratory fume hoods serve to control exposure to toxic, offensive or flammable vapors, gases and aerosols. Fume hoods are the primary method of exposure control in the laboratory. The laboratory fume hood is a type of local exhaust ventilation system (engineering control). A typical fume hood is a cabinet with a moveable front sash (window) made out of safety glass. A properly used and properly functioning fume hood exhausts hazardous gases, dusts, mists, and vapors from a confined location and helps protect workers from inhalation exposure

HB Sky lab is the provider of world class Laboratory fume cupboards and fume hoods designed platform as extensively developed, tested and produced by ESCO and supplied by HB Skylab with Treapa solid laminate inner chamber and dished cast epoxy resin work base as standard. ESCO is recognized as a global player in containment. clean air and laboratory equipment technology ESCO are highly oriented towards the international marketplace

LAB ACCESSORIES

No modern day laboratory is complete without the installation of correct lab accessories; lab component such as liquid and gas fittings makes a lab functional and working. HB Skylab systems is equipped with world best lab accessories

Laboratory Grade Faucets



A1020 Single-head Bench-top Gooseneck Water Tap



A1001 Three-head Bench-top Gooseneck Water Tap



A1043 Single-head Bench-top Gooseneck Nozzle



A1030 Single-head Bench-top Cold and Hot Gooseneck Water Tap



A1006 Double-head Bench-top U-type Water Tap



A1005 Double-head Bench-top T-type Water Tap



A1022 Single-head Bench-top Right Angle Water Tap



A1042 Wall Nozzle



A1011 Ceiling Double-way Water Tap



A1040G Remote Water Switch (with copper tube)



A1027 Three-head Bench-top Cold and Hot Gooseneck Water Tap



A3002 Three-head Bench-top 304 Stainless Steel Gooseneck Water Tap



A3001 Single-head Bench-top 304 Stainless Steel Gooseneck Water Tap



A1023 Single-head Wall Water Tap

Laboratory Gas Fittings



A1103U Bench-top Double-head Gas Cock



A1106U Bench-top Four-head Gas Cock



A1105U Bench-top Three-head Gas Cock



A1101U Wall Single-head Gas Cock



A1108 Wall 45 Degree Gas Nozzle



A1102U Bench-top Single-head Gas Cock



A1104U Bench-top Double-head 90 Degree Gas Cock



A1107 Remote Gas Switch



A1109+A1110 European Remote Gas Switch + Gas Nozzle

Laboratory Grade Sinks



A5008 SNP-80 Tank



A5006 SNP-42 Tank



A5004 Trap A5005 PP Downcomer



A5001 SNP-10 Small Cup



A5003 SNP-15 Small Cup



A5002 SNP-11 Small Cup



A5009 PP Dry Rack

LABORATORY SAFETY EQUIPMENT

Eye Wash & Lab Safety Showers

The lab safety showers and eye wash components are considered as the first line of defense against lab accidents and burns



A4010 Wall Single-head Eye Wash



A4001 Single-head Bench-top Eye Wash



A4002 Double-head Bench-top Eye Wash



A4003 Bottle washer



A4008 Spraying Floor Type shower and Eye wash



A4009 Pedaled Floor Type Shower and Eye Wash



A4007 Floor Type Shower and Eye Wash



A4006 Floor Type Shower



A4005 Floor Type Eye Wash



A4011 Wall Double-head Eye Wash



A4004 Wall Shower

Fume Extraction arms

The primary function of a fume extract arm & hoods is to safely contain and convey potentially dangerous or obnoxious fumes to an outside discharge point from which they can be adequately dispersed



A2002 K-75 Universal Fume Extraction Hood



A2004 Single-joint B-top Fume Extraction Hood



A2008 Three-joint B-top Universal Fume Hood



A2006 Double-joint B-top Universal Fume Extraction Hood



A3009 Dome Hood

Some of our valued clients



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