

Laboratory Furniture

آثاث المختبرات

The Expert in This Field



INNOVATIVE
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Laboratory Furniture is essential for the organization of any laboratory or industrial facility. To ensure that optimum work efficiency is achieved, lab furniture should be designed to accommodate laboratory personnel and equipment.

Lab furniture can be constructed from a range of materials including (benchtops, casework, shelving, storage units and work benches).

In addition to being well-designed and robust these items should also be carefully selected to suit the budget of the customer. Laboratory furniture is a diverse category.

The primary considerations in laboratory furniture design are safety and ease of access to all equipment with limited clutter.

Lab Furniture Types

Lab furniture can be divided into several distinct categories:

Work benches are perhaps the most important and commonly used pieces of laboratory furniture. They are usually large and heavy items and therefore they must be carefully selected to suit the specific purpose to which they will be put.

These largely come in two categories: bench tops and bench trolleys. Lab bench tops are heavy-duty work surfaces that are generally fixed to solid walls for stability and remain stationary as an individual works at them.

Lab Furniture & Accessories

We can fabricate a variety of lab furniture and accessories to meet your requirements. At Plastic-Concepts we can design and build for any configuration in the material that best suits your environment and uses.

Few of the laboratory products we can create for you:

Casework	Polypropylene Tables & Stools
Lockers	Polypropylene Shelving & Storage
Benches	Glove Boxes
Garment Bins	Desks

Servies

Any new laboratory's functionality depends on an efficient and effective design. The following design and layout assistance is provided by an experienced team at Innovative Technical:

- Determine a layout based on (traffic patterns, product function, and equipment & human interface)
- Where each item is placed for convenience and safety
- Developing specifications and choosing products
- Meeting with clients to discuss international standards

C-Frame system

Body of the cabinet :

we use Plywood for C-Frame system the thickness of the wood 1.8 mm covered by formica HPL 0.9 mm thickness manufactured by Print made in Italy or covered by Melamine made in Turkey.

Edges strips are PVC made in Turkey the thickness could be 0.8 mm or 2 mm.

Hinge manufactured by Hettich made in Germany with opening angle 165 for doors 16-24 mm thick, cup diameter 35 mm, and cup depth 11.6 mm.



C-Frame system



Hittch Hinge

Cabinet size

the sizes of cabinets differnet bythe difference of the shutter

- two shutter 80 cm
- two shutter 90 cm
- one shutter 60 cm
- one shuter 45 cm
- drawer unit 60 cm
- drawer unit 45 cm



C-Frame system body metal

system of bench comes as cross-section with size of 60 mm * 30 mm * 1.8 mm painted with thermal powder



Usage Areas:

- Schools Laboratories
- Medical Laboratories
- Industrial laboratories
- Bio-Tech Laboratories
- Research Laboratories
- Educational Laboratories
- Petrochemical Laboratories
- Pharmaceutical Laboratories

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