

**SAI LAB
INSTRUMENTS**

LABORATORY TURNKEY SOLUTION

DESIGNING| MANUFACTURING| INSTALLATION



About Us

Lab&Life provides complete solutions for all your laboratory needs. We offer a full line of products featuring quality steel government markets since the early 2014's. Since each laboratory's needs are unique, we can design and engineer steel work surfaces and sinks. We have been serving the industrial, pharmaceutical, education, health care and products to meet your exact requirements.



CUSTOMER SATISFACTION IS LAB&LIFE'S FIRST PRIORITY

Delivering Industry-leading customer service is more than just words to the Lab&Life Team. We know that satisfied customers drive our success. We therefore provide our customers with the following key values:

QUALITY PRODUCT ON-TIME

Our competitive manufacturing lead times, along with our high on-time and complete shipment performance, provide our customers with reliable delivery of high quality products.

ADAPTABLE PRODUCT LINE

Our extensive modular product line permits our customers to readily configure the most productive solution to meet their specific requirements. Our flexible manufacturing capabilities allow convenient modification of standard components to fit the unique requirements of each laboratory.

COMPETITIVE VALUE

Our several decades of application experience allows us to provide productive furniture solutions to our customers. This experience, along with our high product quality, custom manufacturing capability, consistently strong service levels, and competitive pricing provide high value to our customers.

MODULAR CASEWORK

Construction Type General FeaturesType Resistance Properties

A
System



Custom
Made



Chemical
Resistance

C
System



Powder
Coating



Resistance To
Mechanical Damage

X
System



Body
Colour



Humidity
Resistance

SP
System



Front
Colour



Hinge Opening
Angle



Load
Resistance



Adjustable
Shelves

C
System

The mounting system based on type C frames is a modern and functional solution. This design improves working comfort by allowing, among others, freedom of movement between lab desktops

FRAME SPECIFICATIONS:

- 50x30x2mm
- 60x30x2mm
- 60x40x2mm

Average



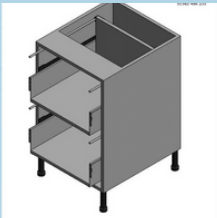
A
System

The A-type frame mounting system is a classic solution that guarantees high furniture stability. It is design for wall and island workstations and sink units

FRAME SPECIFICATIONS:

- 25x25x2mm
- 30x30x2mm

High



X
System
ive
Execution

The free-standing cabinet system is a cost effective solution that works well in educational institutes' labs, workstations intended for the analysis and interpretation of laboratory results or offices.

FRAME SPECIFICATIONS:

Closed profile steel legs
• Max. pedestal (plinth) or feet height: 15cm

Low



FUME HOODS

Designed as per ASHRAE110-2016 US standard, Fume hoods are devices designed for working with chemical substances that pose a potential threat to safety and health. It is made of materials resistant to physical, chemical and thermal effects. The modern ventilation system with the help of openings and airfoil, guarantees the elimination of harmful chemical substances and gases emitted during laboratory work. Based on materials used for the construction of the current laboratory furniture, we offer two types of fume hoods: laminated and steel.



A
System

C
System



LED Display



Water and Gas
control Remote



Waterproof socket



Double Layer 1.2mm sheet
metal surface, melamine board inward.

The choice of fume hoods liner material depends directly on the chemicals that will be used in the particular laboratory tests.

- Phenolic resin (HPL laminate) recommended for working with low concentration acids, organic solvents, dilute and cold mineral coffees (except hydrogen fluoride)
- Large format ceramic slabs solid, large scale countertops recommended for most laboratory works. Resistant to all organic solvents, high temperature, concentrated mineral acids (except hydrofluoric acid), bases and corrosion
- Polypropylene recommended for work with particularly aggressive reagents, e.g. hydrofluoric acid. Resistant to mould and bacteria and has low level of electrical conductivity.
- Acid-Proof stainless steel

STANDARD INSTALLATION

Countertops:

- Solid ceramics
- Epoxy resin
- Base cabinet under the work area:
- Ventilated suspended cabinet
- Ventilated cabinet on pedestal (plinth)
- Mobile cabinet
- Utility installations:
- 2 cold water handles
- Drainage system
- Electrical installation - 2 sockets 230V

Work area lighting Airflow monitor:

- Air flow alarm with air flow indicator and face velocity alarm that goes off when sash is above working height
- Exhaust duct with a diameter of 200 mm or smaller/ bigger on request

ADDITIONAL EQUIPMENT

- Installation of additional
- Industrial gas supply components
- Installation of additional electrical sockets inside the handling chamber
- Tripods (trusses) mounted on the rear wall of the work area for hanging laboratory vessels Auto Sash Controller that closes the sash when the operator is not present in front of the fume hood Other types of fume hoods in our offer:
- Fume hood with glazed walls or a model for educational institutions that allows work in the hood to be seen from all sides.
- EX Fume hood