

Modular expandable metallic laboratory furniture



The LabX concept is based on the use of free standing modules (bearing structure and independent worktop), each with a basic function such as: sitting or standing work station, use of a sink or cup sink, weighing operation, etc. Each assembled module occupies a standard floor space of 800 x 800 mm and attaches to other modules by means of a simple fastener, forming an infinite variety of set up configurations.

All the utility service lines run horizontally beneath the worktop and connect to the corresponding faucets, shut-offs and electrical outlets placed at both the front (8) and rear (8) of the worktop. This technique makes it possible to form peninsulas or islands of 800 mm usable depth that are equally accessible from either sides. It gives the laboratory designer increased flexibility by no longer requiring that the furniture must be placed along the walls or in double peninsulas. By arranging the furniture in single peninsulas oriented toward the center of the room, permanent access to the rear of the instruments located on the worktop is possible. This greatly facilitates their hook-up, calibration and maintenance. All wires and hoses are safely guided in the cableways located at the front and the rear of the modules.

The worktop of each modular assembly is removable, allowing for easy access to all the utility service lines. Whenever necessary, a new energy fixture can easily be installed. The entire operation is performed quickly, while in comfortable standing position.

Each module can be equipped with several drawers or shelves mounted on roller ball bearing slides that provide their full extension. The operator always has complete visibility of the storage compartment and can instantly retrieve any required object without difficulty. Other storage possibilities include a wide range of filling cabinets and cupboards with folding doors.

The LabX furniture is made of corrosion proof steel sheet with powder paint surface finish (acid resistant coating). The structure is therefore fire proof and rust proof by nature. All metallic parts are linked together with corrosion proof connectors. Worktops can come in two different materials: Compact (a composite of resin material), a monolithic ceramic (an enameled stoneware). Similar materials are used for laboratory sinks.

An integral part of the laboratory furniture offered form ducting or ductless fume hoods (they can be placed on LabX modules), safety cabinets for storage acids, lyes, inflammables, cylinders, laboratory cupboards for storage glass, etc.

Recommended for complex laboratory furniture installations as well as for special applications in instrument labs, microbiological labs, clinical labs and petroleum industry labs, where a metal furniture body and/or aseptic (or inert) laboratory worktops are required.

