

new furniture systems

designing your new lab



new england lab
lab-tested furniture systems

five questions to get us started

1. How often will your lab be reconfigured?
2. Do your countertops need to be height adjustable?
3. What weight capacity does your system need to support?
4. How will the mechanical services be connected to the system?
5. Will form or function be the priority in design?



selecting your furniture system.

Lab furniture systems fall into three general categories: fixed, flexible and moveable. At New England Lab we listen to your unique needs and match them with the correct system to maximize your productivity and utilization of space. Today's labs have more options than ever to meet the growing need for adaptability in the lab environment. While traditional fixed casework still serves many needs, flexible and moveable systems allow labs to be reconfigured easily and increase mobility within the lab.

Occasionally, unique needs or style choices require a more "hybrid" approach where components from a variety of systems are combined. You can rely on New England Lab to deliver the system that meets your needs.

fixed casework maximum storage



TRADITIONAL SERIES

Fixed casework has been the traditional system used in laboratories, valued for its durability, continuous work surfaces and ability to maximize storage. Its floor-mounted structure supports heavy weight loads, and is built at sitting, standing, ADA compliant or custom heights as required. Mechanical services are concealed within the casework and connect at the floor, wall or ceiling. Maximize your storage capacity and create an uncluttered working area with our wide range of overhead components. Fixed casework can be provided in a variety of materials to address the specific needs of your lab environment.

core based system

anchored flexibility



FLEX SERIES

The Flex Series utilizes a fixed center core structure which supports interchangeable units to create specialized workstations. The inner service chase located within the core conveniently houses all services such as plumbing, electrical and data. Service fixtures can be vertically mounted providing an unobstructed work area or surface mounted as preferred. Removable work surfaces, shelves and tables can be reconfigured and adjusted in height to meet the specific requirements of individual users and equipment. Storage options include mobile, suspended and overhead cabinets. This system offers increased flexibility to adapt to future changes while retaining a traditional look.

structured overhead system

flexible floor space



FREEDOM SERIES

Our Freedom Series combines independent floor mounted tables with a vertically supported upper storage structure that delivers mechanical services such as plumbing, electrical and data. This overhead structure allows for large spans of unobstructed work surface as the upper storage and services are not mounted to the bench top. Mobile cabinets and moveable tables allow the end user to easily reconfigure the furniture to adapt to evolving processes.

free-standing bench system

multiple configurations



OPTIMA SERIES

The Optima Series is a moveable bench system designed to adapt to changing lab processes, equipment and users. Self-supporting benches are constructed with either fixed or adjustable height work surfaces and offer single or double-sided flexibility. Lower storage options include suspended, mobile and floor-mounted cabinets and are available in a variety of configurations. Cabinets and shelves can be added above the work surface for additional storage. Pre-plumbed and pre-wired quick connect mechanical service fixtures are used in conjunction with overhead service carriers or ceiling panels which facilitates bench movement and optimizes layout flexibility.

steel table system

welded strength



CAMBRIDGE SERIES

Our steel tables are fully welded providing the strength and stability needed to support heavy loads. Tables are a cost effective furniture system that lab personnel can reconfigure quickly and efficiently. Our tables can be used with casters or leveling feet depending on the need for mobility and are available in a variety of fixed or adjustable heights. If required, cabinets and shelving can be added and also relocated to create versatile workstations.

carts and carriers

workspace adaptability

MOBILE CARTS

The Flex Cart Series is an ideal solution for workstations that require high levels of durability, mobility, adjustability and adaptability with a contemporary design. These carts are easily integrated into existing workspaces or used as independent workstations, which makes them optimal for sharing instrumentation, tools or processes within the same laboratory area. Flex Carts can be configured with a broad range of accessories including adjustable height work surfaces, suspended upper and lower cabinets, adjustable shelving, electrical raceways, task lighting, pegboards, tack boards and marker boards.

OVERHEAD CARRIERS

Overhead service carriers and ceiling panels are designed to compliment moveable furniture systems by providing a convenient point of access for mechanical, electrical and plumbing connections at the ceiling. They can be strategically located throughout the lab for reconfiguration of workstations or equipment. They come in a variety of sizes, types, and styles to fit the lab requirements.

understanding the process.

At New England Lab, we understand the details of building a new lab. A brief outline of the process:

Conceptual

- Workflow Analysis
- Conceptual Planning
- Fume Hood Selection
- MEP Dialog
- Spatial Optimization
- Conceptual Budget
- HVAC Design
- LEED Considerations

Planning

- Furniture System Selection
- Finishing Components
- Material Selection
- Environmental

Procurement

- Shop Drawings
- Lead Time Planning
- Field Dimensions
- Material Fabrication

Installation

- Layout
- Installation
- Mechanical Connections
- Commissioning
- Delivery
- Trade Coordination
- Electrical Connections
- Quality Control

Our team is trained to walk you through this process so that the end result meets your expectations. Our knowledge and experience facilitates smooth and proactive coordination with other trades to avoid common pitfalls through each phase.

New England Lab specializes in creative solutions to keep pace with evolving technology and demands.

For further assistance in planning your new lab, contact one of our experienced lab furniture specialists at 888-635-2080 or newenglandlab.com.

lab-tested starts with smart choices

Count on us to help you make smart and informed choices among furniture systems and their additional components for your new lab. For starters, here's a quick guide.

select your lab system:

fixed casework

core based
system

structured
overhead system

free-standing
bench system

steel table
system

mobile carts

overhead carriers

select your finishing components:

work surfaces

Choose from a full line of laboratory grade epoxy resin, phenolic resin, stainless steel, plastic laminate and maple counter tops to suit your requirements.

sinks

Provided in a variety of sizes, materials and colors for your specific lab applications. Single or multiple bowl configurations are available in molded epoxy resin, stainless steel or a selection of chemical resistant polymers.

pegboards

Choose from in-stock standards or create custom sizes and configurations of drying racks in epoxy resin, phenolic resin, stainless steel and various polymers—with optional drip trays.

services and safety fixtures

Your plumbing, electrical and safety fixtures are selected from our wide array of styles and finishes. Choose from standard fixtures, to the latest in design, to help optimize configurations and locations.

shelving

Maximize storage with stationary, mobile or custom units in wire frame, stainless steel, epoxy resin, phenolic resin, plastic laminate or wood finishes.

chairs & stools

Ergonomic design and extreme durability make our line of laboratory seating a clear and comfortable choice. With multiple options from armrests to footrests, we have you covered.

computer peripherals

Our selection of system peripherals gives you ergonomic and space conscious options from adjustable keyboard trays to articulating monitor arms to CPU holders.



new labs:

Lab-tested means three fundamental things: we'll understand what matters to you, take pride in our craft and products, and deliver service that makes your new lab right.

As you consider our guides for furniture systems, casework, fume hoods and the accessories that accompany them, look to New England Lab for consultation to help you choose the products that best fit your lab needs.



furnished
with understanding

crafted
with precision

made right
with service