



Laboratory Furniture

Laboratory Furniture, Fume Cupboards and Complete Laboratory Turn-Key Projects

In addition to our broad equipment and instrument product ranges we also have a laboratory project capability whereby we can design, supply, manage and service a complete laboratory as a "turnkey" project.

This includes all the Laboratory Furniture that would be required together with the Instrumentation and Equipment. For Laboratory Furniture we cooperate closely with our partners Kewaunee Scientific, the leading manufacturer of laboratory furniture in the United States.

Utilising all of these we can supply the complete laboratory from design to supply to installation and commissioning through to management and maintenance.

Early involvement:

Every project starts with a feasibility study and thorough analysis and our involvement starts there. From the very beginning, our team will accurately define the scope of the project within your budgets and produce technical and commercial proposals.

Planning & design:

Our technical experience is particularly important during design and engineering. With our collective knowledge and expertise, we can design, engineer, and specify projects down to the smallest detail, from workplace furniture to whole layouts to instrumentation, equipment, and supplies; from information management systems to electro-mechanical and gas distribution systems, all coordinated within the building systems.

Product Range:

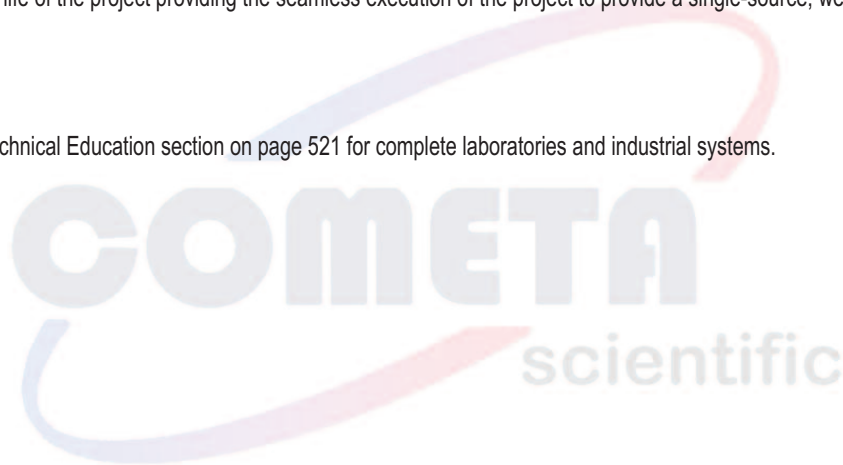
Our wide high quality product range offers clients the widest possible choice of products and services, ensuring a final package that includes the most suitable products for the application.

Project Management:

Project management is the most critical element of any undertaking. The ability to execute a contract to meet the schedule on time, while successfully handling unexpected situations, can only be accomplished through a dedicated and experienced project management team with sound field resources. Our staff will provide experience, dependability and proven performance.

Our capabilities thus span the life of the project providing the seamless execution of the project to provide a single-source, well managed turnkey solution.

Note : Also please see our Technical Education section on page 521 for complete laboratories and industrial systems.





Products & Capabilities





Laboratory Furniture

Cometa & Kewaunee

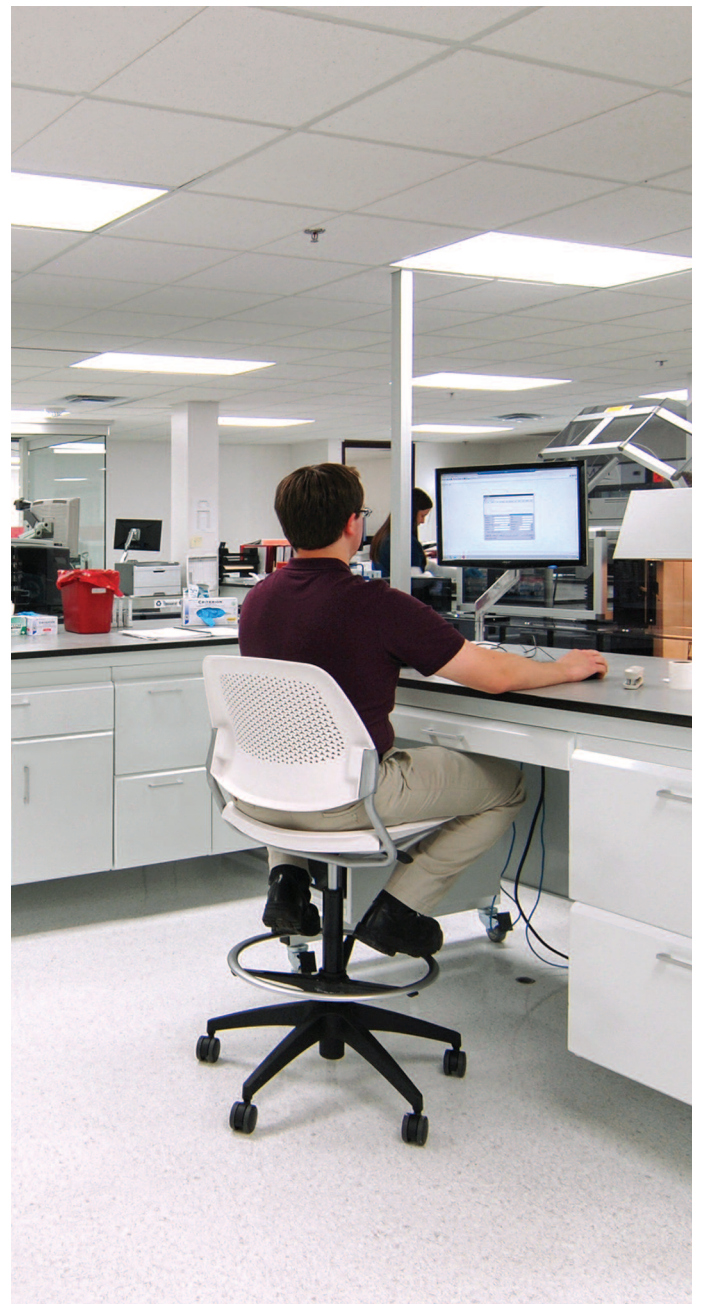
Global Leaders in Laboratory Furniture Solutions



Total Laboratory Solutions

Technological Expertise

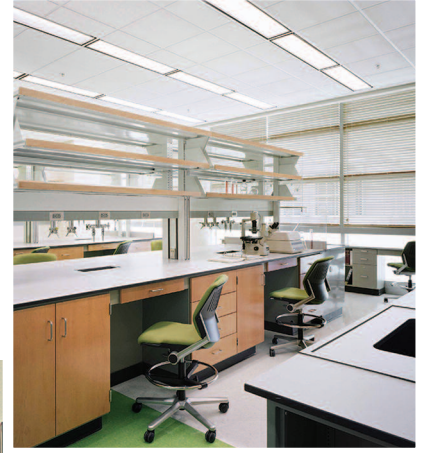
Innovative Designs





Laboratory Furniture

For over 100 years, Kewaunee has built the world's finest laboratory furniture including steel, wood, and stainless steel cabinets, adaptable systems, fume hoods, and worksurfaces. Kewaunee provides Total Laboratory Solutions, Innovative Design, and Technological Expertise for laboratories throughout the world.





Laboratory Furniture

Cometa and Kewaunee provide Total Laboratory Solutions from start to finish. Whether your project is a brand new multi-story research centre, or the remodel of an existing laboratory, Cometa and Kewaunee provide the full range of services from design and engineering, through to the final installation and start-up.

Total Laboratory



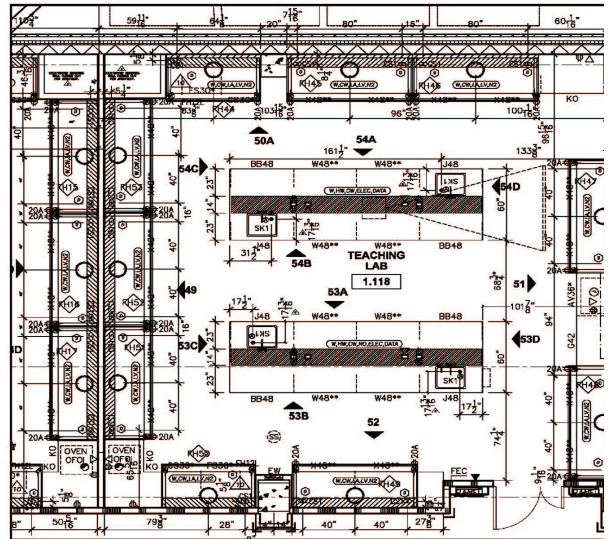


Laboratory Furniture

From Start to Finish

- Design
- Engineering
- Fabrication
- Testing
- Certification
- Project Management
- Installation
- Commissioning

Solutions



Maple, full overlay casework and Supreme Air LV fume cupboards



Ultimate Flexibility for Labs

Alpha

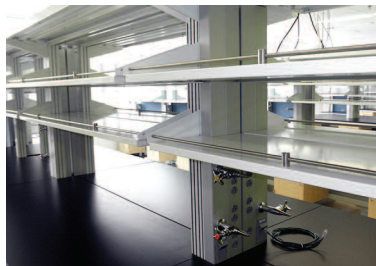
Kewaunee's ALPHA family of products is designed to meet the needs of the modern laboratory where flexibility and adjustability are essential. Alpha uses fixed modules for support of worksurfaces, casework, shelving, trolleys, and accessories.

Components allow for customisation of each workstation. The ALPHA system integrates with horizontal and vertical services including plumbing, power, and data. The ALPHA family offers a complete offering of interchangeable components.

- 2.5, 7.5, and 22.5cm wall structural modules
- 15 cm partition modules
- 30 cm island structural modules
- Suspended, floor mounted, and mobile casework
- Adjustable height worksurfaces
- Adjustable shelving
- Trolleys
- Vertical and horizontal service integration
- Unique double-slotted design

Innovative Designs

Alpha workstations with plumbed columns



15 cm partition modules and shelving



Alpha workstations with suspended casework



Alpha with suspended inset casework





Alpha freestanding workstations and trolleys



Alpha Workstations

- Self-supporting tables
- Double-sided or single-sided
- Adjustable height worksurfaces
- Integrated shelving system
- Pre-plumbed services

Alpha Trolleys

- Convenient and mobile
- Available in standard lengths
- Large diameter, heavy duty casters or glides available
- Accepts many standard Alpha components



Kewaunee's Enterprise is a self-supporting moveable workstation table design. Enterprise is available as an adjustable height four legged table, or with an above counter support structure. Available pre-plumbed and pre-wired, this design easily incorporates with overhead carriers and panel systems. Worksurfaces are adjustable from sitting height to standing height, with overhead shelving adjustable on 2.5 cm increments. Enterprise is designed for mobile or floor mounted cabinets. Kewaunee's Enterprise provides a completely moveable laboratory cabinet system to meet the needs of a changing laboratory environment.



Enterprise Adaptable Workstations



Enterprise workstations with plumbed columns and mobile cabinets



- Self-supporting tables
- Floor mounted or mobile cabinets



- Adjustable height worksurfaces
- Integrated shelving systems



- Pre-plumbed integrated services and data
- Quick connect fittings for overhead services

Evolution

Column-Based System



Evolution with phenolic resin work tops



Evolution Line-Up

20 cm Column

- Rated for 545 kg
- Worksurfaces rated for 340 kg
- Up to 4 fixtures per column



30 cm Column

- Rated for 909 kg
- Worksurface rated for 568 kg
- Up to 7 fixtures per column



Heavy Duty Evolution

- Rated for 1136 kg
- Variety of optional casters
- Incrementally height adjustable



Flexible Modular Solutions

- Infinitely height adjustable
- Single and double-sided configurations; starter and add-on units
- Power, data, and services can be placed in the columns
- Dual-channel raceways allow segregation of wiring and services
- Shelving rated for 68 kg with optional 227 kg
- Powerbars are UL listed and have an on / off switch with a built-in circuit breaker
- Shelving available above or below the worksurface
- Suspended and overhead storage available
- Advanced laminates, butcher block maple, and Kemresin worksurfaces available

Heavy Duty Adjustabench
with suspended casework



Adjustabench Line-Up



Evolution Adjustabench

- Rated for 454 kg
- Push button adjustment
- Maximum of 4 fixtures per column



Heavy Duty Adjustabench

- Rated for 795 kg
- Push button adjustment
- Up to 7 fixtures per column



Laboratory Furniture



Perimeter student table assemblies



Tru-View teaching hoods



Tru-View teaching hoods

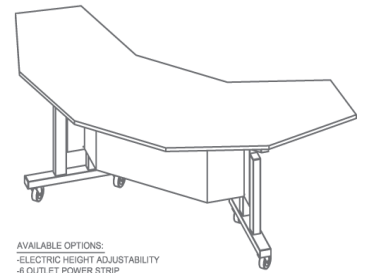
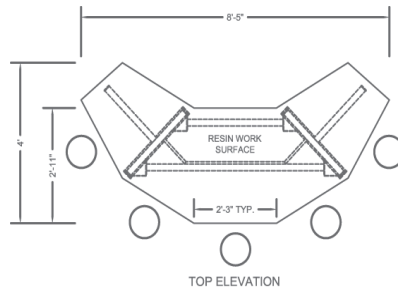
Kewaunee manufactures a full range of products designed specifically to meet the requirements of today's teaching laboratory. Multiple student table designs, instructor benches, teaching fume cupboards, and specialised storage units offer the building blocks for effective lab classroom environments.

Steel K4B student tables and maple, full overlay casework



Educational Teaching Labs

- Student workstations
- Instructor benches
- Demonstration tables
- Specialised storage
- Teaching fume hoods
- ADA compliant stations



AVAILABLE OPTIONS:
 -ELECTRIC HEIGHT ADJUSTABILITY
 -6 OUTLET POWER STRIP
 -LEG GLIDES



Kewaunee Matrix System



Matrix Instructor Station



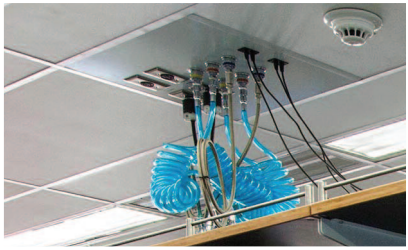
Matrix Instructor Station reverse view



Matrix Student tables



Ceiling Panels



Overhead Service Enclosures



Overhead Service Manifolds



Overhead service enclosure with quick connect fittings



Service Carriers

Technological Expertise

Kewaunee offers a full range of overhead carrier designs

Ceiling Panels

- Integrated into ceiling grid
- Plumbing fittings
- Power outlets
- Data ports

Overhead Service Enclosures

- Pre-plumbed lab services including high purity
- Pre-wired power and data ports
- Localised exhaust ports

Overhead Service Manifolds

- Integrated plumbing for lab services
- Pre-plumbed high purity gases
- Localised exhaust ports





Supreme Air LV High Performance Fume Hood

Supreme Air LV

- High Performance
- Safe, energy efficient design
- Self-closing sash
- Provides safe operation in all sash positions

Supreme Air

- ADA compliant options
- Distillation
- Isotope
- Perchloric
- UL 1805 and 6101 listed

Supreme Air fume cupboard lab with multiple configurations





Supreme Air Fume Cupboards

Kewaunee designs, engineers, and manufactures fume cupboards for every lab application. From our energy saving Supreme Air LV and Dynamic Barrier designs, to specialty hoods for education and other custom applications, Kewaunee's Supreme Air Fume Cupboards meet the challenge for today's modern laboratory.



Custom Enclosures

- Custom Sizes
- Robotic Enclosures



Full-Access Hoods

- Full height sash
- Designed for total access



Testing

- State-of-the-art equipment
- On-site facility

DetectAir

Filtered Fume Cupboards

Safety

- AirSafe TOUCH Automatic Safety Controller
- Full baffle system for proper air flow
- Flush sill airfoil

Performance

- Energy savings
- Ductless design reduces installation costs
- Push button sash operation
- ASHRAE 110 and SEFA 9 tested

Construction

- Full view sash
- Chemical resistant, one-piece liner, and baffle
- Designed to fit under 2.75 m ceilings
- Touch screen display



DetectAir combines Kewaunee's traditional fume cupboards expertise with the filtering technology of AirClean Systems. DetectAir filtered fume cupboards incorporate an exclusive on-board validation system which identifies chemicals as acceptable or non-acceptable, with a triple level detection system to ensure user safety ...hence the name DetectAir. With Kewaunee's DetectAir, the questions and concerns revolving around filtered hoods and user safety have been answered. DetectAir can be used as a general purpose fume cupboards in a broad spectrum of applications within the modern laboratory.





Laboratory Furniture

We have a two-fold environmental commitment:

To provide laboratory furniture, fume hoods, and accessories that minimise energy consumption and adverse environmental impact. We accomplish this by designing, engineering, and manufacturing products that use renewable and recyclable resources, use less energy and resources to install and operate, and match the building life cycle by withstanding the rigors of decades of use, relocation and reuse. We also strive to manufacture these products in an environmentally responsible manner.



High Performance LV fume cupboards and sustainable wood casework





Eco-Friendly Solutions

- EarthLine Casework
- Recycled Steel Casework
- Low Volume Fume Hoods
- Dynamic Barrier Hoods
- DetectAir Filtered Hoods
- EarthResin Worktops

Kewaunee Scientific Corporation recognises that the environment is the responsibility of not only the individual, but the corporate community as well.

The success of our customers, our employees, and our company depends on the ability of us all to sustain the resources that underlie the products and services we offer and use.



EarthLine Casework

- FSC certified wood
- No added formaldehyde
- Steel drawers and shelves



Steel Casework

- Meets LEED recycled steel percentages
- Recyclable after life-cycle
- Eco-friendly powder coat finish



Supreme Air Fume Hoods

- LV - Low volume / low velocity
- Dynamic Barrier - Ultra low volume
- DetectAir - filtered hoods