

# *The Wolf Kinetic Range of Laboratory Furniture*



# WOLF

Laboratory Furniture  
& Fume Cupboard Specialists

## *Creating The Optimum Laboratory Working Environment*

### *Wolf Laboratories Limited*

Wolf Laboratories Ltd is a UK-based, specialist supplier with over 25 years' experience in the design, supply and installation of laboratory furniture and fume cupboards.

We set out to create a new generation of laboratory furniture by combining our knowledge and experience with innovation and flair. The result is Eurolab<sup>®</sup>, built around the concept of high quality furniture that performs efficiently and matches the standards of those who use it. Our designers gained their inspiration by working closely with architects, specifiers and, most importantly, actual users of laboratory facilities in a wide variety of disciplines. This cross-fertilisation of ideas produced an outstanding range of furniture that meets the precise requirements of today's scientific, technical and medical professionals.

We offer a fully integrated furniture and fume cupboard service, designed to meet the ever-increasing demands of the modern laboratory environment, including a complete laboratory design, manufacture and installation facility. In addition to our standard ranges, such as the celebrated Eurolab<sup>®</sup> series, we can also produce furniture schemes to clients' own dedicated specifications.

Our highly trained team of experienced engineers provides a comprehensive installation service ensuring that each project is professionally fitted and tested on site before hand-over to the client.

*All of our operations are covered by our ISO 9001 QA System, including the installation of mechanical, electrical and fume extraction systems.*



# High Quality Staff Deserve An Advanced Laboratory Environment

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## Efficient and Productive

A laboratory environment designed to work as hard as the people using it increases efficiency and boosts productivity.

Wolf's Eurolab<sup>®</sup> system demonstrates that technically advanced, hardwearing and practical laboratory furniture doesn't have to be boring! Eurolab<sup>®</sup> creates an aesthetically pleasing and stylish workplace. Its modular design enables you to create your perfect laboratory layout, yet its built-in flexibility allows it to be smoothly adapted to meet changes in working practice or requirements.

Eurolab<sup>®</sup> consists of a comprehensive range of specialist units, with a system of service spines designed to satisfy the multiple needs of a modern laboratory. Wolf's design consultation service and expert fitting methods ensure that the furniture you choose performs as well in practice as it does in theory.

Eurolab<sup>®</sup> furniture units are manufactured from high density Melamine Faced MDF to provide a durable, easy clean finish. Every joint is carefully mitred, creating a strong, rigid construction and maintaining the smooth design integrity of the furniture. Worktops are manufactured from hardwearing solid laminates, chosen for their proven resistance to accidental chipping, chemical attack and liquid absorption. They are available in a range of colours and finishes.

*Its stylish design reveals an ergonomic harmony that's also practical. It resists impact damage and minimises the effect of chemical spillage. Computer-aided design produces user-friendly furniture profiles without sharp corners or fittings that stick out. In short, you'll find that Eurolab is the perfect lab furniture, designed to work as hard as you and your staff do!*



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## Wolf *Eurolab Systems* Range

### *Eurolab* ◉

The Eurolab<sup>®</sup> range incorporates a wide selection of specialist under-bench units, designed to allow you to create individual top quality working environments at low cost. The range comprises five complementary systems, each utilizing common components whilst providing the user with a broad choice of design, layout flexibility and colour options. A wide selection of worktop materials, colours and handle formats can be provided.

### *Eurolab* ◉ System 1000 fixed pedestal system

Designed for areas where flexibility is not of paramount importance. The worktop is directly supported above the under-bench units that can, if required, be provided with a front fascia. The unit backs are readily removable to allow easy access for service maintenance. The units can be provided with individual or full-length continuous plinths, designed to prevent spillage from contaminating the area immediately underneath the units.

### *Eurolab* ◉ System 2000 removable pedestal system

This system provides greater flexibility. A powder coated mild steel cantilever frame supports the worktop, allowing under-bench units to be removed or relocated without disturbing the worktop position or service spine. A front fascia conceals the support frames, and removable rear panels can be provided to cover service pipework if required. The under-bench units can be fitted with adjusters or castors to choice, enclosed by a moisture-resistant plinth.

### *Eurolab* ◉ System 3000 suspended system

This system incorporates a powder coated 'C' frame or 'H' frame with integral fascia. It is designed to keep pace with frequent changes in the working environment. Under-bench units are securely supported by Wolf's uniquely adjustable suspension clips, which offer the facility of lateral movement within the frame.



# Wolf Eurolab Systems Range

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### *Eurolab ◉ System 4000 mobile frame system*

The ultimate in flexibility, designed for use where benching is continually being adapted into new configurations. Extremely strong and stable when in use, the modules are fully mobile. The units are suspended beneath a 'C' or 'H' frame with locking castors, making it simple to relocate the unit and create a new design for mat, or provide easy access for routine maintenance inspections.

### *Eurolab ◉ System 5000 innovative adaptable system*

This is the most popular of the systems, providing low cost installation with a degree of flexibility. The worktops are supported on a series of powder coated 'H' frames with matching spans. This allows services to be installed prior to fitting the units that can be readily interchanged into different configurations. The system can also be adapted to incorporate fixed continuous plinths allowing floor coverings to be covered up the front.

Floor integrity is thus maintained, but units can be easily removed for access to services.



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## Wolf's Kinetic Fume Cupboards



### *Wolf - Quality and Performance*

Wolf's Kinetic fume cupboards are designed with a wealth of features backed by field-proven effectiveness. Wolf provides a choice of internal specifications designed to meet the needs of a wide range of applications and chemical uses, including stainless steel, PVC and cast epoxy liners and work surfaces. Superior containment performance - exceeding the recognised industry standards BS 7258 and DIN 12924 - is achieved through the advanced airflow design of the cabinet. Side panels and fascias are aerodynamic and free of projecting controls that can interrupt the airflow and reduce performance. The standard specification of each fume cupboard includes epoxy powder coated steel carcass with laminate lining and work surface, and toughened glass sashes.

*Every Kinetic fume cupboard is built for a long working life, and backed by Kinetic's commitment to quality and performance. To ensure the ultimate efficiency of our fume cupboards, we offer a complete design, manufacture, installation and commissioning service for extraction and ducting systems.*

### *Walk-In Fume Cupboard*

This is designed to accommodate tall test assemblies and to provide high headroom in full hazard and protection environments. Features include a double sash assembly to provide independent sash operation and services to match the user's requirements. Options include a hinged or removable intermediate work surface. Combining functionality with design, the Walk-In is available in a range of colours to co-ordinate with surrounding furniture and decor.



### *Bench Mounted Fume Cupboard*

Providing full hazard and containment protection using proven designs, these units can be bench mounted on existing furniture or supplied with an integral steel support unit and cupboards. They are available in a range of colours to match laboratory furniture and worktops, with services and linings to meet individual requirements.

### *Graduate Fume Cupboard*

A cost effective unit for use in low hazard laboratories such as schools and colleges, which complies with the current D of E 'Fume Cupboards for Schools - Bulletin 88.' The Graduate is available for bench mounting onto existing furniture, or fitted with an integral steel support unit to be free standing.

# *Wolf's Kinetic Fume Cupboards*

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### *Special Requirements*

Our flexible production facility offers many types of purpose-designed equipment to suit particular requirements.

In addition to our advanced range of laboratory furniture and fume cupboards, we also specialize in the design and manufacture of furniture and equipment for Reception Counters, Dedicated Storage Facilities, Robotic Enclosures etc. We work closely with professional users and specifiers to create bespoke solutions, drawing upon years of specialist experience.

### *Robotic Enclosures*

In response to the increasing demand for automation in the research and development sector, we have developed and manufactured enclosures to accommodate robotic analytical equipment for large pharmaceutical companies such as Zeneca and Rhône Polenc Rorer. These units are individually designed to accommodate models by various manufacturers such as Zymark and Tecan.

### *Store Management*

We recognise that the secure storage of chemicals, samples and glassware is a continuing problem in the laboratory environment. In response to this, we have developed specialist storage solutions such as the high-density, pull-out Fama storage unit, to ensure the efficient and safe storage of high quantities of samples.

*If you have a specialist laboratory requirement, remember, we have the experience, skills and resources to provide the answers that can save you months in development programmes and considerable sums of money.*



The TCS range of fume cupboards comply with the requirements and recommendations of BS 7258 (1994) parts 1-3 inclusive. The test containment value of the fume cupboards, as described in Part 4 of the British Standard, are a mean value of <math><0.005\text{ppm}</math> and a maximum value of <math><0.010\text{ppm}</math>. The units can be integrated into the laboratory at the design stage or simply bench or stand mounted.

Sizes available

The TCS standard fume cupboards are available 1000mm, 1200mm, 1500mm, 1800mm and 2000mm module widths. However, all bespoke sizes of external and internal widths, depths and heights can be easily manufactured with no large cost penalty.

The TCS standard range has 45 degree angled side mullions each 150mm in width to accommodate the mechanical and electrical services. Alternative mullion profiles ranging from 40mm to 120mm in width are also available.

### Features

Attractive design, with an aerodynamic zintec mild steel outer carcass with an epoxy polyester powder coated gloss finish.

Stainless steel front cill – hinged option available.

Air by-pass via louvered aluminium grille.

Infill panelling by extended continuous side panels can be provided with front panel supported on gas struts for easy access for maintenance.

Internal chamber and baffles constructed from Trespa as standard, with options for PVC, polypropylene, 316 grade stainless steel, toughened glass or cast epoxy resin.

Smooth toughened glass vertical sliding sash with failsafe mechanism on single weight system – sashes can be combination style with horizontal sliding windows.

Auto-resetting sash lock to comply with new EN 14175.

Worktops manufactured from cast epoxy resin and dished – options for Ceramic, Trespa, PVC, polypropylene and 316 grade stainless steel available.

Range of wet and dry services plumbed in rigid copper or flexible pipework.

Range of polypropylene, cast epoxy and stainless steel drip cups, sinks and vulcathene bottle traps.

Range of switch socket outlets, RCD protection, data outlets, etc., available.

Twin fluorescent light fittings and light switches fitted as standard.

Programmable controls panels to meet BS 7258 fitted as standard incorporating sash high alarms, low airflow alarms and fan stop/start facility.

Ventilated storage cupboards – suitable for acids, solvents or flammables.

PVC ductwork connection pieces with integral volume control dampers.

Adaptable for use as on a constant air volume or variable air volume extract system.

Scaffold bosses and framework can be fitted.

Pass through ports between inner and outer skins can be provided.

Fire suppression systems can be provided.

Tissue guards to back baffles can be provided.

Internal chambers can be manufactured from fully welded 316 grade stainless steel to provide a seamless monolithic chamber suitable for radioactive use.

