

Life Sciences 

The Complete Biomedical Solution

Specialists in biomedical equipment and services, discover the complete solution for life sciences from Sychem.

[Airflow Range](#)

[Washer Disinfectors](#)

[Sterilisers](#)

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The Complete Solution

Proudly serving the life sciences sector for over 40 years, Sychem provides a complete portfolio of animal care solutions.

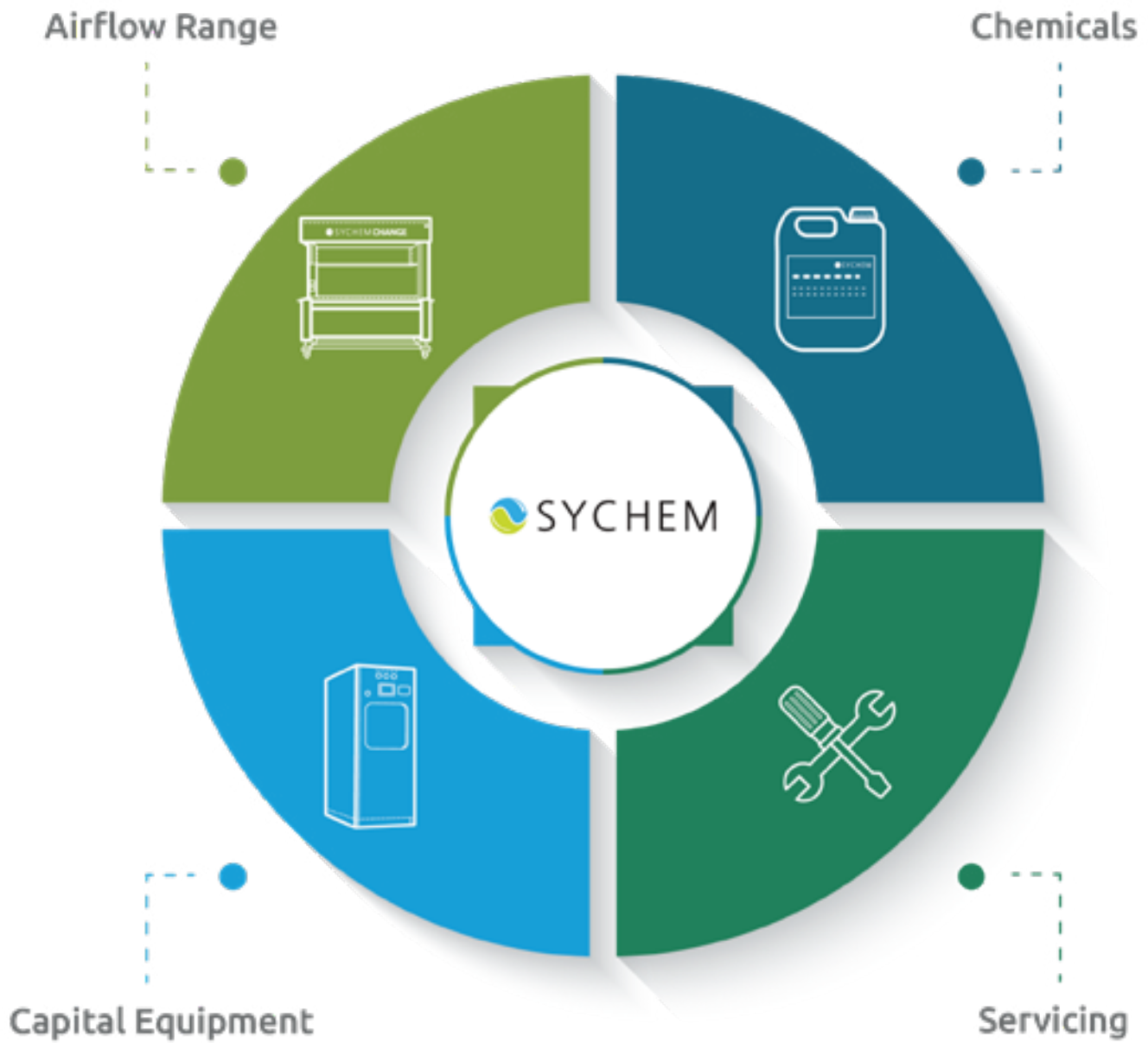
Our complete solution encompasses an extensive portfolio of the most innovative and cutting-edge products and services.

Designed to advance biomedical research and protect technicians and the animals in their care, we cater to facilities of any size ranging from small to super-sized research facilities.

Our Accreditations:



Quality you can trust,



solutions you'll love.

Airflow Range



Sychem has established itself as a leader in the industry, exemplifying a commitment to innovation and excellence that remains unmatched.

We provide a complete range of state-of-the-art animal care systems designed to advance biomedical research whilst safeguarding technicians as well as the animals in their care.

Our range of animal care systems consists of:

- SychemFILL
- SychemCHANGE
- SychemWASTE
- SychemAIR
- SychemSAFETY



SychemAIR

High efficiency air shower



✓ Active Airflow Technology

With an air velocity of 25 m/s (82 ft/s), SychemAIR competes with current market leaders.

✓ Three Levels of Filtration

The unit uses a three-level filtration system: a dust filter, a pre-filter, and a HEPA H14 filter.

✓ User Friendly

The unit is easy to operate, with the particle removal process completing in less than a minute.

**CUSTOMISABLE
LAYOUT**

About SychemAIR

Featuring Active Airflow Technology, SychemAIR is our high-efficiency air shower designed to effectively remove all types of contaminants from every individual before passing into a lower contamination area.

Featuring a compact design, a customisable layout, easy maintenance and a flat-pack delivery option, SychemAIR is the perfect solution for your facility.

Customisable options:

- SychemAIR is available as a straight through passage, angle passage, and T passage (with 3 doors) all with customisable door configurations.
- The chamber size can also be elongated as a straight through air shower corridor and the overall height can be adjusted for your facility's requirements.
- Available as a pre-built or a flat-pack configuration for easy installation in limited access facilities.

SychemFILL

Free-flow bedding dispenser



✓ Active Airflow Technology

Utilises a dual mechanical and vacuum system to remove fine particles from bedding.

✓ Class Leading Accuracy

Two independent dispensing points with automated and excellent accuracy ($\pm 4\%$).

✓ Intuitive User Interface

7" touch screen displays live graphics of the top hopper level and alerts users when bedding is required.

**BESPOKE
OPTION
AVAILABLE**

About SychemFILL

SychemFILL is one of the most accurate and efficient clean bedding dispensers on the market and offers unparalleled dispensing accuracy with a tolerance of $\pm 4\%$ to reduce variability in studies, eliminate wastage and save on costs.

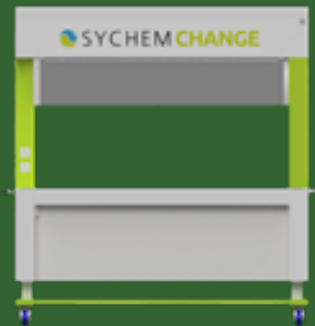
Customisable options:

- We offer fully customisable solutions designed to meet your needs.
- The first customisation of the station was developed to help reduce costs in bedding, removing the necessary need to manually lift bags and save operator time. The station featured a bulk bag discharge system complete with a flexible screw conveyor.



SychemCHANGE

Dual-access animal transfer station



✓ Active Airflow Technology

ISO Class 3 airflow ensures a protective barrier to limit cross-contamination.

✓ Ergonomic Excellence

SychemCHANGE offers the best height range on the market, making it suitable for any user.

✓ Red light mode

Changes the unit's LED task lighting to red and dims the screen to prevent disruption.

**XL MODEL
AVAILABLE**



About SychemCHANGE

SychemCHANGE is our class-leading dual-access change station that protects against external elements, allergens, dander, and pathogens for both animals and users.

The system ensures a hygienic working environment through the use of its advanced Active Airflow Technology to create an H14 HEPA-filtered laminar downflow to provide users with a clean working area.

Customisable options:

- Single sided configuration
- Additional TRESPA shelves
- Clear-sided food hopper
- Hand sanitiser station
- Positionable locking arm
- SychemCHANGE XL, the larger version of the original

SychemWASTE

Customisable bedding disposal unit



✓ Active Airflow Technology

Air is drawn away at bin level to protect your users when tying off and removing waste bins.

✓ Unrivalled cleanability

Removable doors/sides, a rack-washable work surface and waste chute allow easy cleaning.

✓ Easy on-site setup

Uses a standard interchangeable mains plug and locking castor wheels for easy installation.

**HEIGHT-
ADJUSTABLE
MODEL
AVAILABLE**

About SychemWASTE

SychemWASTE is our flexible bedding disposal station designed for the safe disposal of laboratory animal bedding, a mandatory requirement of any animal facility, ensuring protection for their technicians against laboratory animal allergens.

Customisable options:

- SychemWASTE RL, our height-adjustable bedding disposal unit. Raises to a maximum of 200mm higher than our standard waste station.
- Optional extras are available upon request including a second chute with knock-out bar, additional bin, scraper and work surface, side handles and magnetic bumpers.
- We also offer a bespoke service for SychemWASTE to suit the diverse requirements of any facility.



SychemSAFETY

Class 2 Microbiological Safety Cabinet



✓ Advanced HEPA Filtration

Dual HEPA filtration system for 99.999% efficiency, recirculating 70% of air while exhausting 30%.

✓ Energy-Efficient Performance

Operating at just 47 dB(A) (Ecosave reduces noise to 37 dB(A)) for quiet, turbulence-free airflow.

✓ Ergonomic & Customisable

Sectional worktops, front-access maintenance & multiple configurations for a flexible, user-friendly solution.

**CUSTOMISABLE
SOLUTIONS**



About SychemSAFETY

SychemSAFETY is our range of dual-filter Class 2 microbiological safety cabinets, designed for superior operator, product, and environmental protection. Featuring advanced laminator technology, energy-efficient operation, and high-performance HEPA filtration, SychemSAFETY ensures a sterile workspace for research and routine applications. Its innovative design promotes airflow precision, low noise levels, and effortless maintenance, making it the ideal solution for laboratories and research facilities.

Customisable options:

SychemSAFETY offers extensive customisation to meet the unique needs of your facility. Available in four working widths (900 mm to 1800 mm), it features multiple decontamination options, filter configurations, interior styles, and additional accessories such as UV lights, side windows, extra valves, and specialised tabletops, ensuring a tailored solution for every application.

Steelco Partnership

Sychem and Steelco have worked together since 2008 to support biomedical facilities with our animal care solutions.

Together, we supply a complete portfolio of specialist equipment and solutions to biomedical research facilities across the UK.



Our portfolio includes:

- Cabinet washers
- Rack and tunnel washers
- Feeding bottle treatments
- Small, medium and bulk-capacity autoclaves



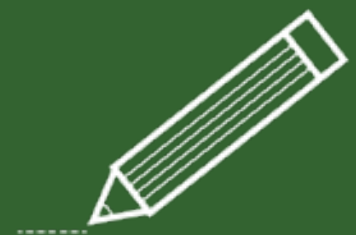


**LONG-
STANDING
PARTNERSHIP**

Facilities Fit-Out

At Sychem, we specialise in transforming Healthcare, Clinical, and Medical spaces into high-functioning environments.

From design and installation to validation and support, we provide end-to-end, data-driven fit-out solutions tailored to your workflow, compliance, and operational goals, delivering projects on time, on budget, and beyond expectations.



Washer Disinfectors

Together with Steelco, we provide an extensive portfolio of washer disinfectors designed to support the needs of any biomedical facility.



Our range includes:

- Cabinet washers
- Rack washers
- Tunnel washers
- Feeding bottle treatments



Cabinet Washers

Carefully designed to wash and sanitise all types of animal care equipment, our range of cabinet washers provides the highest levels of cleaning efficiency whilst minimising operating costs.

Independent washing and rinsing circuits, multi-stage water filtering systems and rotating or oscillating spray arms provide optimal performance, protect your device's life cycle, and assure extremely low cycle time.



Rack & Tunnel Washers

Our series of rack and tunnel washers offers extremely versatile configurations to match any load capacity, dimension, and layout configuration need.

AC 7500 - 8500

These cage and rack washers are heavy-duty, large-capacity, hydro-spray washers specially designed to support the throughput of medium and large-size facilities.

AC 3500

High-productivity tunnel washer assuring higher throughput, effective waste separation, and water and energy conservation. Designed to clean, sanitise and dry cages and utensils.



We provide the
complete solution for
biomedical facilities



Feeding Bottle Treatments

MITO FBS: Semi-automatic feeding bottle washer which can process 1x18 bottle crate per cycle.

MITO 2B: Semi-automatic feeding bottle washer which can process 2x18 bottle crates per cycle.

MITO FB COMBI: High-productivity all-in-one solution for decapping, emptying, washing, sanitisation, filling and recapping which can process up to 720 bottles and 720 caps per hour.



Autoclaves

We provide a complete range of Steelco biomedical autoclaves with up to 11 standard chamber sizes and a volume ranging from 920 to 9.070 litres to support the needs of any biomedical research facility.



Our portfolio includes:

- Small-capacity autoclaves
- Medium-capacity autoclaves
- Bulk-capacity autoclaves
- Decontamination locks

CUSTOMISABLE
SOLUTIONS





Small, Medium & Bulk Capacity Autoclaves

✓ Flexible Configuration

Single and double door pass-through, manual hinged or automatic space-saving sliding door.

✓ Chamber, Jacket & Doors

Chamber and internal door(s) made of AISI 316L solid stainless steel.

✓ Piping & Valves

Process piping and pneumatic valves in copper-brass.

✓ Temperature Probes

Temperature probes installed in chamber drain and jacket to monitor temperature variations during the cycle.

✓ Eco Technology

Several water-saving options are available to provide unrivalled efficiency levels.

Decontamination Lock

A comprehensive, validated solution for decontaminating heat-sensitive equipment such as electronic devices to be introduced into a facility.

Available with on board Hydrogen Peroxide generator or suitable for any type of existing external Generator available in the market.



Equipment Servicing

Being the UK leading provider of equipment services, trust in us to support your facility with our comprehensive range of fully customisable servicing solutions.

Whilst we are specialists in Steelco servicing as a result of our long-standing partnership, we also service all other recognised brands of decontamination equipment.

Machines we service:

- Cabinet washers
- Rack washers
- Tunnel washers
- Feeding bottle treatments
- Small, medium and bulk-capacity autoclaves

**UK LEADING
SERVICE
PROVIDER**



Planned Preventative Maintenance

Our planned preventative maintenance (PPM) contracts are fully customisable to your needs.

Whether you require weekly, quarterly, bi-annual or annual testing, we have the perfect solution for you.



Validation & Testing

We provide the necessary equipment checks and tests required to ensure your equipment continues operating at the recognised industry standards.

Available independently or included in our fully customisable PPM packages.



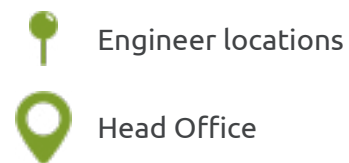
Breakdown, Emergency Support and Repairs

Our emergency breakdown services ensure you are always supported.

Whether your equipment requires a full overhaul or a simple parts replacement, our team will provide the most suitable solution for you.

Our Expert Team:

- Dedicated Resource Coordinators
- Specialist Technical Support Desk
- 35+ Service and Test Personnel



Our Accreditations:



35 +

Service Engineers



950 +

Contracted Assets



240 +

Total Sites



1300 +

Unique Stocked Parts

SYCHEM **CHANGE**



**GET IN TOUCH
FOR CUSTOM
ORDERS**



Consumables Portfolio

From Cagewash detergents to hand sanitiser and much more,
explore our complete range of Biomedical Consumables
designed to support infection control and hygiene.

Get in touch with the team today for tailored solutions.



[CLICK TO VIEW BROCHURE →](#)





**Quality you can trust,
solutions you'll love.**

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