



Life Sciences 

# The Complete Pharmaceutical Solution

Experts in Pharmaceutical decontamination for critical environments, Sychem delivers comprehensive solutions for Life Sciences.

[Isolators](#)

[Wet Shower](#)

[VHP Generators](#)

[Steelco Equipment](#)

[Belimed Equipment](#)

[Servicing](#)

[Consumables](#)

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# The Complete Solution

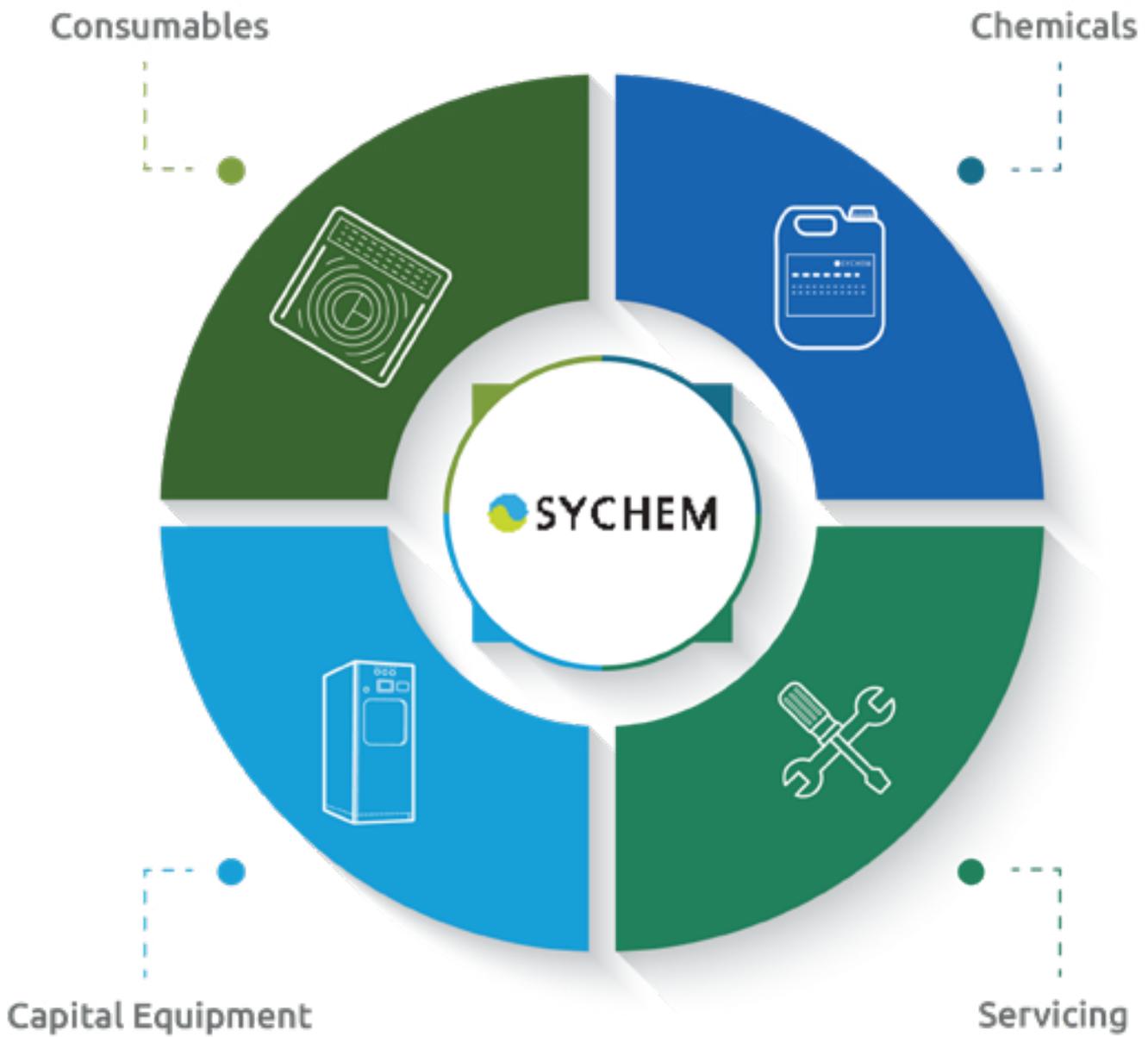
**For over 40 years, Sychem has provided innovative decontamination and sterilisation solutions tailored for Pharmaceutical environments.**

Our extensive portfolio includes industry-leading equipment, chemicals, and servicing to maintain the highest standards of hygiene, compliance, and efficiency. Whether for small labs or large pharmaceutical facilities, we support every step of your decontamination process.

## Our Accreditations:



**Quality you can trust,**



**solutions you'll love.**

## Ortner Partnership

Since 1985, Ortner has been at the forefront of cleanroom technology, combining cutting-edge innovation with deep expertise to deliver world-class solutions. Their commitment and focus lie in creating engineered microbiologically and particle-clean environments which ensure fast, safe, and reliable cleanroom processes that protect people, products, animals, and the environment from contamination risks.

This dedication has earned them the title of “SME World Market Leader,” making them a trusted partner in an industry which demands stringent cleanliness and sterilisation standards.

**UNCOMPROMISED  
SAFETY**

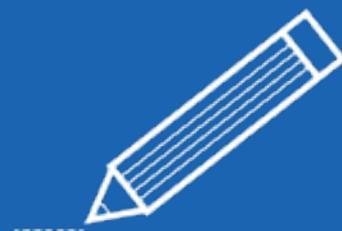




## Customised Project Support

Our expert Projects Department designs, installs, and validates Pharmaceutical-grade decontamination and sterilisation equipment.

We provide tailored support for all scales, ensuring compliance with stringent regulations. From planning to execution, we optimise your facility's layout, integrating bespoke solutions that enhance operational efficiency while maintaining the highest hygiene and containment standards.



# Isolators

Advanced isolator systems with rapid, automated bio-decontamination, ensuring aseptic and toxic process containment.

## Specialising In:

- Aseptic manufacturing and processing
- Sterility testing
- Safe handling of hazardous substances
- Bio-decontamination for personnel and product safety
- Demand-specific configurations

**ADVANCED  
CONTAINMENT  
SOLUTIONS**

## Aseptic Isolator

A modular closed system for aseptic production and processing. Positive pressure prevents contamination, ensuring the highest sterility assurance. Intuitive touchscreen operation enhances user efficiency.



## Cytostatic Isolator

A negative pressure containment system for handling toxic substances. Protects personnel and the environment from hazardous exposure. Automated airlocks facilitate safe material transfer.



## Sterile Test Isolator

A secure system for handling powdered active substances. Negative pressure prevents contamination escape. WIP/CIP ensures thorough, validated cleaning.



Ensuring sterility,  
safety, and compliance  
every step of the way.



## Contact Us

Connect with Sychem's experts for tailored Pharmaceutical decontamination and sterilisation solutions. Our team delivers cutting-edge equipment and servicing to meet stringent regulatory standards and operational demands.

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# Wet Showers

Ortner's Wet Shower systems offer a reliable, efficient, and fully automated method for personnel decontamination, designed specifically for Pharmaceutical, Laboratory, Chemical, and BSL Zone D applications.

These GMP-compliant showers ensure maximum protection by significantly reducing contamination carryover from high-risk zones.

## Comprehensive, Validatable Decontamination

Plug-in, factory-qualified systems support five key processes: personal cleaning, chamber cleaning, drying, disposal, and maintenance. Each unit is easy to maintain, cost-effective, and supports consistent, repeatable results through automation.

With adjustable rinsing times, automatic blow-off using clean compressed air, and integrated chamber cleaning nozzles, these Wet Showers provide flexibility and performance.

**SCALABLE  
DECONTAMINATION**



## Advanced Safety & Compliance Testing

- Fluorescence test ensures consistent cleaning quality
- Riboflavin test validates wet cleaning processes using UV visual inspection
- Reproducible, automated cycles tailored to meet GMP and biosafety standards
- Protects against contamination carryover and hazardous substance exposure

## Optional Configurations & Features

- Door cleaning nozzles (2 per door)
- Bag-out port for safe removal of contaminants
- Compressed air monitoring
- Breathing air interface for personnel
- Foot sole cleaning system
- Upper door closers for added containment
- Models with 3-door configurations available upon request

# Mobile VHP Generators

- ✓ High-performance bio-decontamination with hydrogen peroxide gas
- ✓ Flexible and safe decontamination for rooms and equipment
- ✓ Validatable, environmentally friendly sterilisation solution

ADVANCED VHP  
STERILISATION

## ISU 1.0 – Compact Clean Steam Generator:

The ISU 1.0 is an efficient, space-saving clean-steam generator ideal for Pharmaceutical and Laboratory applications requiring consistent steam quality.

- Compact design for limited spaces
- Ensures consistent, high-quality clean steam
- Optimised for small-scale applications
- Reliable performance with minimal maintenance



## ISU 2.0 – High-Capacity Clean Steam Generator

Designed for larger Pharmaceutical operations, the ISU 2.0 provides a high-volume, reliable source of clean steam for sterilisation and critical applications.

- High capacity for large-scale operations
- Delivers consistent, high-purity clean steam
- Robust and efficient for continuous use
- Easy integration into existing systems



# SteelcoBelimed Partnership

SteelcoBelimed Life Sciences delivers Swiss-engineered, cGMP-compliant decontamination and sterilisation solutions to the Pharmaceutical sector. SteelcoBelimed Life Science specialises in state-of-the-art systems for the Pharmaceutical, Biopharmaceutical, and Cosmetics industries.

Through our strategic partnership, Sychem provides precision-engineered decontamination solutions designed for reliability, compliance, and environmental sustainability, ensuring your facility meets the highest global standards.

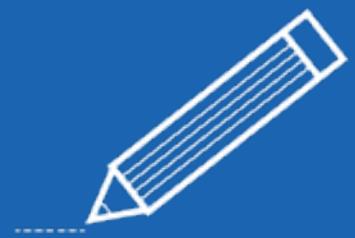




## Customised Project Support

Our expert Projects Department designs, installs, and validates Pharmaceutical-grade decontamination and sterilisation equipment.

We provide tailored support for all scales, ensuring compliance with stringent regulations. From planning to execution, we optimise your facility's layout, integrating bespoke solutions that enhance operational efficiency while maintaining the highest hygiene and containment standards.



## Autoclaves

Saturated steam sterilisation for Pharmaceutical-grade decontamination. Ideal for glassware, medical instruments, textiles, and more.

Our systems are fully validated and documented according to the latest global standards, supporting compliance with current Good Manufacturing Practices (cGMPs) across Pharmaceutical and Biotech applications.

### Our Portfolio Includes:

- AV Series: Pharma-grade steam sterilisation
- ASW Series: Superheated water sterilisation

**UNCOMPROMISED  
SAFETY**

### AV Series

The AV Series Saturated Steam Sterilisers deliver effective, cGMP-compliant sterilisation for materials such as vials, rubber parts, glassware, and machine components.

Available in chamber volumes from 195 to 10,000 litres, each unit is tailored to customer needs and optimised for efficiency, reliability, and low energy consumption.

- ✓ Customised solutions for varying capacities
- ✓ Energy-efficient and high-performance sterilisation cycles
- ✓ Designed for maximum compliance and operational reliability



## ASW Series

The ASW Series Superheated Water Sterilisers are ideal for terminal sterilisation of liquids in sealed or heat-sensitive containers like infusion bags, ampoules, and contact lenses.

Designed to prevent thermal damage, these units range from 830 to 25,000 litres and include customisable features for maximum flexibility.

- ✓ Ideal for liquids in sealed containers
- ✓ Advanced process control and monitoring
- ✓ Customisable chamber sizes and configurations



Precision sterilisation,  
engineered for  
compliance



## Contact Us

Partner with Sychem for advanced Pharmaceutical sterilisation and decontamination solutions. Our team ensures compliance, efficiency, and optimal performance across all industry applications.

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## Washers

GMP-compliant automated washing systems for Pharmaceutical and Laboratory applications, delivering enhanced efficiency, reliability, and compliance across critical applications.

### Our Range Includes:

- DS Optima PH Series - Compact
- DS PH Series – Customisable
- LC PH Series – Large-Capacity

**PHARMA-  
GRADE  
WASHING**

### DS Optima PH Series

Compact, cost-effective GMP washer for validated cleaning of pharmaceutical components. Designed for space efficiency and high-performance cleaning.



### DS PH Series

Customisable, high-throughput GMP washers ensure validated cleaning and drying for Pharmaceutical manufacturing.



## LC PH Series

Large-capacity Pharmaceutical-grade washers for bulk components and trolleys.

- ✓ Energy-efficient and high-throughput
- ✓ HEPA-filtered drying for optimal hygiene
- ✓ Configurable for single or double-door pass-through



Maximising efficiency,  
ensuring compliance.



## Pharma Carts & Trolleys

Sychem, in partnership with Steelco, offers a wide range of washer-disinfectors for trolleys, sterile containers, and bulk medical equipment. Designed for efficiency, cross-contamination prevention, and HEPA 14 drying, our solutions ensure validated cleaning with full traceability and compliance.



## Steam Sterilisers

In partnership with Belimed Life Sciences, Sychem's advanced Steam Sterilisers deliver high-performance sterilisation across Pharmaceutical, Laboratory, and Biomedical environments.

Designed for precision, compliance, and efficiency, our sterilisers support a wide range of applications, from sterilising equipment, textiles, and containers to the decontamination of laboratory waste. With scalable configurations and modular designs, our solutions are built to meet industry-specific requirements with maximum reliability.

### Applications of Our Sterilisers

- ✔ **Pharmaceutical & Biotech**  
Sterilisation of production equipment, ampoules, stoppers, and reagents
- ✔ **Laboratories & Research**  
Decontamination of culture media, glassware, and lab waste
- ✔ **Animal Care & Biomedical**  
Sterilisation of cages, bedding, and feeding bottles
- ✔ **Healthcare & Cleanrooms**  
Ensuring regulatory compliance for medical and surgical equipment

**PRECISION  
STERILISATION**



## PST.2: GMP-Compliant Sterilisation

The PST.2 Steam Steriliser is a high-performance, GMP-compliant autoclave designed for pharmaceutical production, research, and cleanroom applications. Built on a modular platform, it offers unmatched customisation options, shorter delivery times, and seamless integration into existing workflows.

### ✓ GMP-Compliant & Customisable

Tailored configurations to meet stringent Pharmaceutical and Laboratory requirements

### ✓ Advanced Control Technology

Siemens or Allen Bradley controls ensure precision and process security

### ✓ Scalable Design

Available in 19+ chamber sizes, from 240L to 3000L+ for diverse sterilisation needs

### ✓ High-Quality Construction

Engineered for long-term reliability, efficiency, and compliance

## Advanced Steam Sterilisation for Critical Environments



## Pharmaceutical Facility Fit-Outs

Sychem delivers end-to-end Pharmaceutical fit-out solutions, transforming cleanrooms, production areas, and laboratory spaces to meet GMP standards. We manage every stage, from design and planning to installation, validation, and aftercare, ensuring your facility is fully optimised for safety, efficiency, and compliance.

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## Cleaning Systems

In partnership with Belimed Life Science, we provide advanced Pharmaceutical Cleaning Systems designed for the thorough and efficient cleaning of critical components used in drug production and laboratory environments.

Our range ensures compliance with GMP standards while optimising hygiene, reliability, and operational efficiency.

### Cleaning Applications:

- Hoses, filling needles, pumps, valves, pipe sections
- Containers, filtration equipment, machine parts
- Tablet presses, measuring cylinders, bottles
- Transport containers, equipment, drums, pallets, and more

**ENSURING  
COMPLIANCE**

### PH 810

A compact, GMP-compliant cleaning system designed for the cleaning, preparation, and drying of pharmaceutical components. Engineered with uncompromising hygienic design, intuitive operation, and low maintenance, it ensures superior cleaning performance for drug production and laboratory applications.



### PH 8x0.2

This range of Pharma-Washers is developed for cleaning and drying components in pharmaceutical production, filling, and packaging, as well as laboratory glassware and cleanroom transport equipment. Featuring an optimised hygienic design and streamlined operation, these washers meet stringent cleanliness and validation requirements, ensuring compliance and operational efficiency.



## PH 880.2

A high-performance cleaning system tailored for large-sized components, including containers, drums, and pallets. As part of the extensive PH 820.2–PH 860.2 range, it provides flexible configurations to suit pharmaceutical processing needs. Standardised construction and innovative design ensure efficiency, adaptability, and compliance with industry regulations.



## Precision cleaning for a healthier tomorrow



## PH 390

A compact, space-saving cleaning, disinfection, and drying system designed for high-throughput laboratory and industrial applications. The modular concept features five compact cabins for separate cleaning, rinsing, and drying functions, enabling short wash cycles and increased efficiency. With a single-side service access, maintenance is streamlined to minimise operational disruption.



## Complete CQV & Aftersales Support:

At Sychem, we offer comprehensive nationwide support to ensure Pharmaceutical operations remain compliant, efficient, and uninterrupted.

Our expert team provides industry-leading service solutions, tailored maintenance, and qualification support to uphold GMP standards.

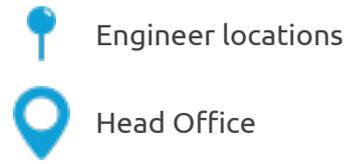
**UK LEADING  
SERVICE  
PROVIDER**

### Our Services Includes

- ✔ **CQV Expertise**  
Ensuring compliance with stringent Pharmaceutical standards
- ✔ **IQ/OQ Protocols**  
Rigorous testing to verify equipment performance and design compliance
- ✔ **PQ Execution & Support**  
Performance Qualification assistance, cycle development, and fault diagnosis
- ✔ **Service & Validation**  
Reliable maintenance, calibration, and compliance assurance
- ✔ **Local Spare Parts Supply**  
Quick access to critical components for minimal downtime
- ✔ **Nationwide Coverage**  
Extensive network of engineers supporting Pharmaceutical operations across the UK

### 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



## Your Partner in Decontamination

Delivering high-performance solutions for pharmaceutical environments, Sychem Direct offers a comprehensive range of consumables designed to uphold the highest standards of cleanliness, compliance, and safety.

From precision cleaning agents to critical single-use supplies, our expertly curated selection ensures seamless support for your facility's daily operations.

### Our solutions cater to:

- Facility & Equipment Cleaning: Specialist detergents for Pharmaceutical-grade washing of glassware, components, and surfaces
- Hand Hygiene: Skin-safe yet highly effective products to maintain aseptic conditions
- General Cleaning: A range of validated formulations to support GMP compliance

**SHOP NOW  
ON SYCHEM  
DIRECT**

### Cleaning Supplies



[View products →](#)

### Gloves



[View products →](#)

### Air Purifiers



[View products →](#)



# Consumables Portfolio

From **specialised detergents** for cleaning glassware and components to skin-safe hand **hygiene products** that support aseptic conditions, our solutions are tailored to the strict needs of the Pharmaceutical Industry.

*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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**LEARN MORE**