



LIFE SCIENCES

THE AIRFLOW RANGE

Providing industry-leading animal care solutions since 1982, the all-new Sychem Airflow Range includes; animal transfer stations, bedding disposal units, and bedding dispensers.

SYCHEM ANIMAL RANGE

Sychem has been serving the biomedical sector since 1982; providing a comprehensive range of animal workstations, capital equipment, chemistries, and servicing solutions. All designed to support and assist research facilities in providing the best conditions for the animals within your care.



SychemFILL

SychemFILL is a clean bedding dispensing system, providing the ideal solution for modernising your cage change process. The design features a variety of easily adjustable programs, ensuring that you can fill any rodent cage on the market.

- Class-Leading Accuracy
- Intuitive User Interface
- Compatible With All Free Flowing Bedding



SychemCHANGE - New

A dual access station designed to fully protect your animals during cage changing and minor procedures. Users are also protected from exposure to laboratory animal allergens (LAA's) through Active Airflow Technology.

- Unrivalled Height Adjustment
- Multi Configuration Work Surface
- Red Light Mode



SychemWASTE - New

The stand-alone waste disposal unit protects user against LAA's. Active airflow technology enhance protection for users even when replacing waste bags. Standard features include a single chute and tabletop, providing a spacious working area.

- Unrivalled Cleanability
- Three Stage Filtration
- Double Chute Option





**Fits all
rodent cages**



What makes our workstations unique?

All three of our UK manufactured work stations utilise Active Airflow Technology, maximising protection for your animals and users.

Each work station offers you a range of unique ergonomic advantages to protect users in their daily routine.

SYCHEMFILL

WHY CHOOSE SYCHEMFILL?

Bedding dispensers are now widely used across animal facilities, delivering many benefits to their users. They reduce not only the manual labour needed to fill up cages with bedding by hand but they prevent the potential for developing musculoskeletal disorders (MSD).

SychemFILL uses a dual mechanical and vacuum system which actively removes fine particles from bedding prior to it being dispensed. This process assists with providing the best cage environment for your animals. Additionally, Sychems work station prolongs the life of individually ventilated cage (IVC) lid filters, air handling unit filters and room filtration. Further to this, Sychems Active Airflow Technology protects your users from exposure to fine particles in the environment.



- ✓ **Save Money With +/- 4% Bedding Accuracy**
- ✓ **Active Airflow Technology**
- ✓ **Intuitive User Interface**

Enhance Your Cage Changing Process

The SychemFILL clean bedding dispensing system is the ideal solution for enhancing your cage changing process within your animal facility. The system has multiple pre-set programs that are easily adjusted, allowing you to easily select between different cage types at the touch of a button. Featuring two dispensing points that allow automatic dispensing of bedding into all cage types.

Class-Leading Accuracy

The system offers you excellent dispensing accuracy (+/- 4%)* eliminating wastage and therefore saving you money. Additionally, the accuracy contributes towards reduced variability for your studies.



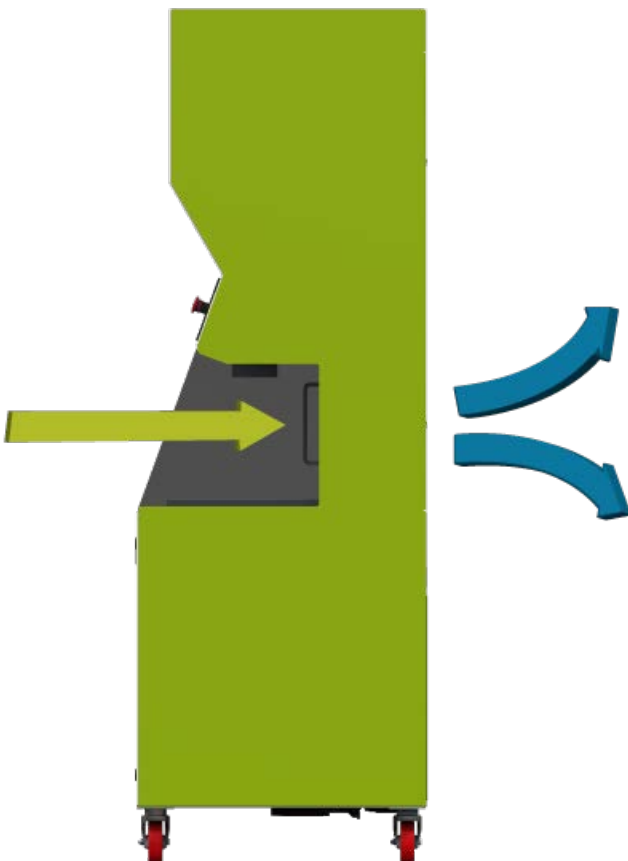


Active Airflow Technology

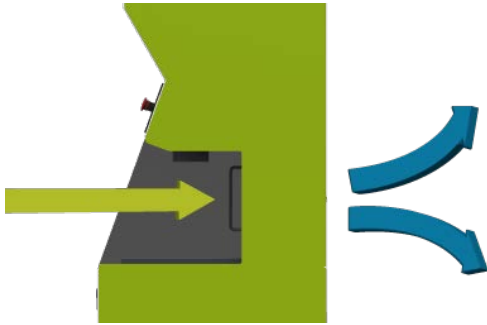
SychemFILL protects your users from the release of residual fine particles through Sychems Active Airflow Technology. The large working aperture and work surface maximise ergonomic advantages for your users, without the need to raise or lower the unit.

Compatible with All Free Flow Bedding

After extensive research into understanding the most popular bedding types, Sychem created a bedding dispenser which is compatible with all frequently used bedding. The SychemFILL bedding dispenser is compatible with all free-flowing rodent bedding, ranging from 0.9mm – 10mm. All commonly used wood and paper-based bedding, including corn cob, are fully compatible with this system.



HOW IT WORKS



Active Airflow Technology

- ✓ SychemFILL uses a dual mechanical and vacuum system which actively removes fine particles from bedding prior to it being dispensed. This improves the cage environment for your animals. As well as this, Active Airflow also protects users from residual fine particles.



Intuitive User Interface

- ✓ The NEW 7" colour touch screen displays live graphics of the top hopper level and alerts users when bedding is required. Users can easily program in their own cage names and adjust dispense volumes accordingly.



Easy, Ergonomic Loading

- ✓ The ergonomic height of the loading hoppers means a quick and efficient loading of the system. Once loaded the system has a capacity of over 450 type 2 cages without needing to refill it.



Quick & Accurate Dispensing

- ✓ Ultrasonic dispensers provide two independent dispensing points with automatic automation. Ideal for filling cages quickly and efficiently, dispensing precise volumes of bedding every time.



True Plug N Play



The SychemFILL unit will fit through all standard doors and only requires a 13amp socket to be fully operational.



Real-time System Monitoring



Integrated level indicator alerts users when bedding is required. User protection is assured through monitoring of the filters and fans conditions. A smart cycle counter allows you to monitor the number of cages filled and further assisting with the management of your facility.



Highly Energy Efficient



The SychemFILL unit is extremely energy efficient, requiring only a standard 13amp socket. Combined with sleep mode, the system shuts down automatically after a set period of non-use saving you money on electricity costs. Simply touch the display to wake-up the machine instantly from shut down.



User Safety Systems



User safety is at the heart of the SychemFILL design, complying with all relevant machine directives. Standard features include:

- An automatic safety sensor if filling directly into the hopper.
- Filter efficiency monitoring to maintain optimal user safety.
- Safe mode prevents users from using the system while the filter-near-blocked warning is activated.

COMPATIBLE BEDDING

The system offers you excellent dispensing accuracy (+/- 4%)

*The Bedding dispenser accuracy can be influenced by on the nature of the bedding.

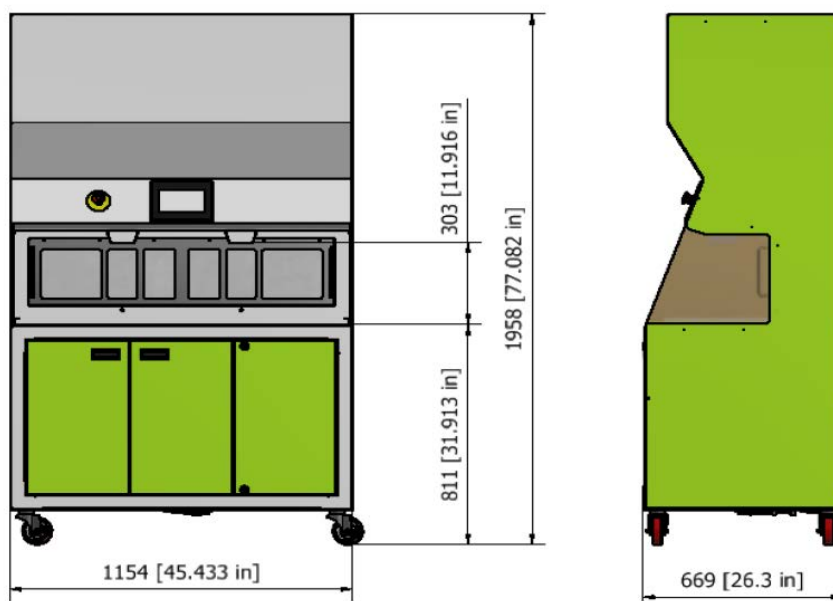
If you're unsure if your bedding is compatible with our system, simply contact us and our experts will help provide the best advice and solution for your facility.

Get in touch today!

hello@sychem.co.uk

0845 644 6824

TECHNICAL INFORMATION



Dimensions

Dimension Description	Inches	mm	
Width	45.43	1154	
Height	77.09	1958	
Depth	26.38	670	
Largest Cage (Height)	11.42	290	
Hopper Capacities	Cubic Inch	CC	Litres
Upper Hopper	9764	160000	160
Lower Hopper	4882	80000	80

Weight

Unpacked Weight	lbs	kgs
	573	260

Noise

Noise	dB
Fans only	56
Auger & Fans	65
Auger, Vacuum & Fans	68

SYCHEMFILL XL

Clean bedding dispenser bulk loading system

The SychemFill XL allows you to enjoy the benefits of scale and autonomy with your clean bedding dispensing system. The dispenser is remotely filled using large tote bags, giving you considerably longer intervals between bag changing.

Key Benefits

- Reduce your bedding costs through purchasing larger, more cost-effective tote bags.
- No manual lifting of bags as the system's hoist automates the process for you.
- Save time through continuous filling of the filling station



SYCHEMCHANGE

WHY CHOOSE SYCHEMCHANGE?

Cage change stations are widely accepted as the industry standard when performing cage changing or minor procedures. They protect your animals from the external cage environment and users from allergens and potential pathogens.

SychemCHANGE protects your staff and animals by utilising Active Airflow Technology in combination with class-leading flexibility and ergonomic excellence.

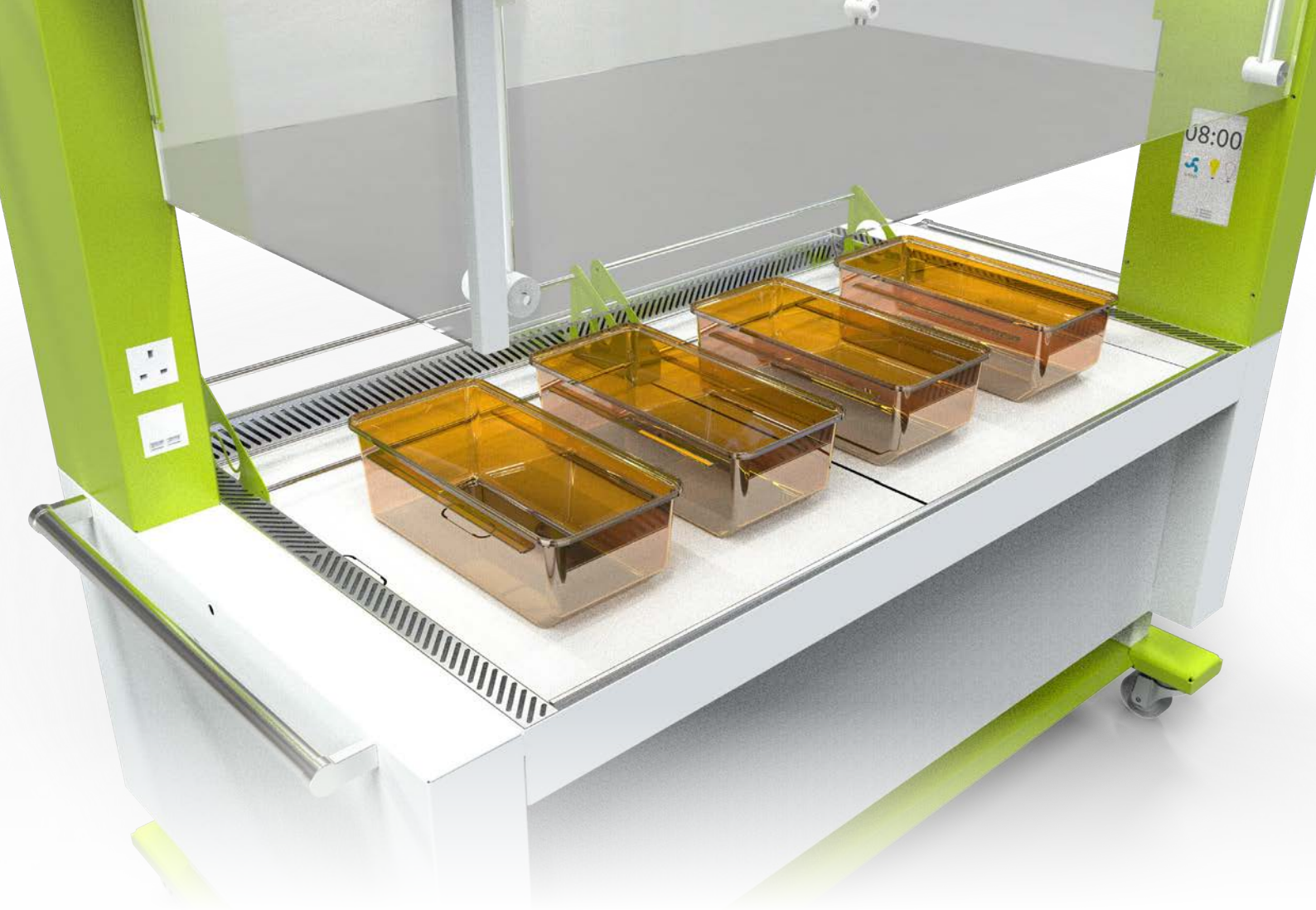
- ✓ **Active Airflow Technology**
- ✓ **Class-leading Flexibility**
- ✓ **Ergonomic Excellence**

Active Airflow Technology

Sychem's dual access animal transfer station utilises Active Air Flow technology, ensuring a clean working environment for the animal technician. A filtered laminar airflow creates a downflow of H14 HEPA filtered air across the whole work surface. An innovative three stage filtration system filters air from the work surface, exhausting this through the bottom of the unit.

Protection for your staff, your animals, and your research are of paramount importance. It is for this reason that Sychem's animal transfer station delivers best in class, ISO Class 3 airflow. Active Airflow Technology protects your animals from external pathogens and cross-contamination when performing the cage changing and minor procedures. The SychemCHANGE also protects users from pathogens and laboratory animal allergens (LAA's), ultimately, ensuring bio-security levels within your facility are never compromised.





Class-leading flexibility

Designed as a dual-access workstation, the unit is compatible with all rodent cages and gives you the ability to work from either a flat or recessed TRESPA® worksurface. Moreover, the work surface is divided into two panels which are fully reversible. The reversed side is marked to allow you to distinguish between clean and dirty side. The machine is operated from a 7" colour touch screen where you can control the airflow, LED lighting, the height of the unit and enable red light mode when required.

Ergonomic Excellence

Excellent ergonomics are the requirement of any modern change station. SychemCHANGE has the best height range in the market, making it suitable for any of your users. At the touch of a button, you can seamlessly lower or raise the height of the station, making it extremely easy to clean, as well as maximising the comfort levels for the user.

HOW IT WORKS



Active Airflow Technology

- ✓ A filtered laminar airflow creates a downflow of H14 HEPA filtered air onto the work surface. ISO class 3 airflow ensures a barrier of protection between animal and operator, limiting the potential for cross-contamination and maximising staff safety.



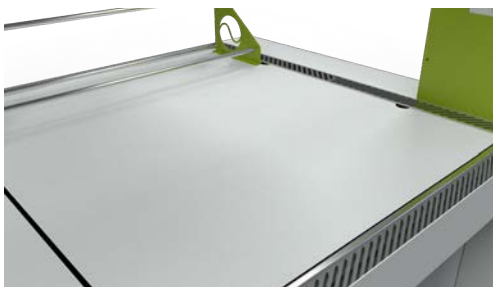
Ergonomic Excellence

- ✓ The SychemChange offers the best height range in the market making it suitable for any of your users. At the touch of a button, you can seamlessly lower or raise the height of the station as well as maximising the comfort levels of the users.



Intuitive Touch Screen

- ✓ The 7" colour touch screen allows you to easily configure and control all parameters whilst using our icon driven interface. Available in multiple languages.



Multi-configuration Work surface

- ✓ TRESPA® work surface comes standard, giving you a warm, quiet and non-reflective surface. You can also lower the work surface into a recessed position, ensuring users always stay within the barrier zone.



Light Trace Technology

- ✓ Sychem's unique Light Trace Technology protects the integrity of your studies as it monitors the presence of light in your facility. If abnormal light cycles are detected, a warning will display on the touch screen, prompting you to check the programmed lighting cycle in your facility.



Easy Cage Change

- ✓ SychemChange offers a large work surface making it ideal for use with all commonly used rodent cages. The cage lid holder is supplied as standard enabling quick and aseptic cage changing. The station is also ideal for complete and base-only cage changing as well as weaning procedures.



Red Light Mode

- ✓ Red light mode is a user-set feature where you can change the LED lighting within the unit to red, creating a dark mode for animals when present in the changing station. As well as the LED lighting switching to red, the touchscreen switches to a red graphical overlay.



Maintenance Made Easy

- ✓ The animal transfer station's modular design guarantees ease of maintenance. A range of clever design features make everyday cleaning of the unit effortless for staff and save you valuable time.

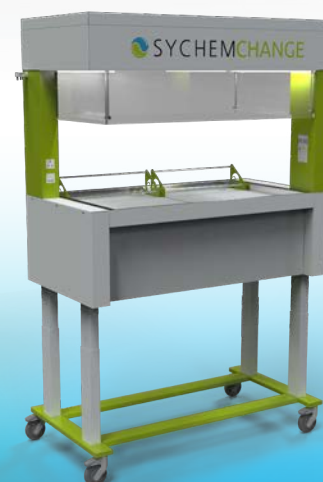
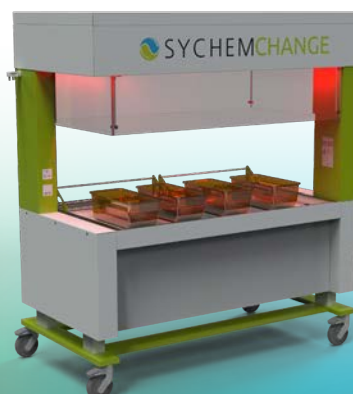
Standard features

- Active Airflow Technology
- H14 HEPA filtration
- ISO Class 3 air
- Red light mode
- Electronic height adjustment with built in safety system
- Dual access
- Two cage lid Holders
- Two standard UK plug sockets
- 7" colour touch screen
- Reversible TRESPA ® work surface
- Two side mounted handles

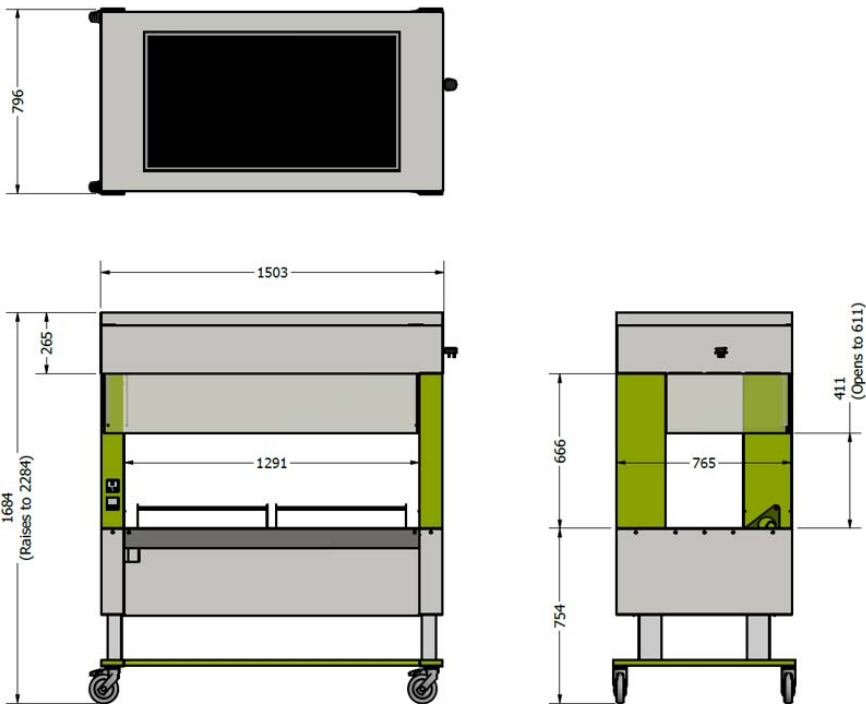


Accessories

- TRESPA ® shelves
- Clear-sided food hopper
- Automatic foaming hand sanitiser station
- Light Trace Technology
- Four USB sockets
- Rear cover for single-sided configuration
- Repositionable locking arm allowing for high-powered magnifying glass, phone holder or clamp



TECHNICAL INFORMATION



Dimensions			
Dimension Description	Inches	mm	
Width	59.17	1503	
Height	65.79	1671	
Raised Height	89.41	2271	
Depth	31.34	796	
Largest Cage (Height)	13.78	350	
Work Area	Width	Depth	Height
Level	1205	686	666
Dipped	1208	686	706

Weight		
Unpacked Weight	lbs	kgs
	551	250

Noise	
Noise	dB
Fans only	>57

SYCHEMWASTE

WHY CHOOSE SYCHEMWASTE?

Safe disposal of laboratory animal bedding is a mandatory requirement of any animal facility for protecting staff against LAAs. SychemWASTE is a plug and play disposal unit with HEPA filters for quiet air extraction to protect users from fine particles and potential allergens. In addition to this, the system has been designed and manufactured to withstand environments where frequent chemical use and moisture exist.

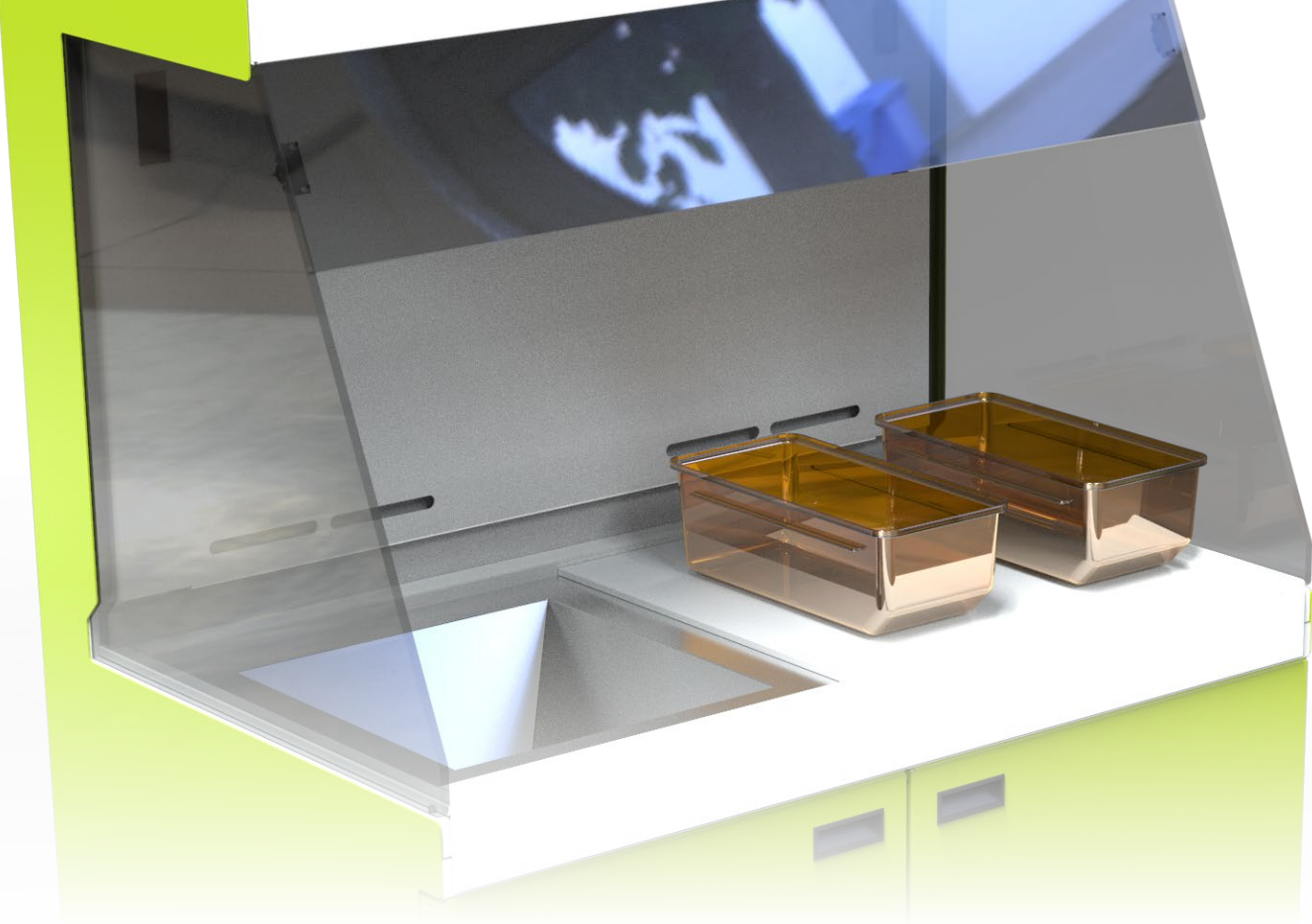
- ✓ **Active Airflow Technology**
- ✓ **Unrivalled Ergonomics**
- ✓ **Universal Cage Compatibility**

Active Airflow Technology

Sychem's standalone bedding disposal station enables ensures user protection in two distinct ways. Firstly, the three stage filtration process starts by drawing air and potential allergens away from the user, any allergen exposure. Once air is drawn away from the user it passes through a three stage filtration process, finishing with H14 HEPA filtration.

Secondly, the Active Airflow Technology extends to protecting your users when tying off and removing waste bins. Air is drawn away from users at bin level to protect them from any LAA release during this procedure.





Optimise Your Workflow

The systems ergonomic design allows you to configure your workstation for maximum efficiency. This is achieved through a fully customisable work surface area, including a slidable tabletop and chute for making it suitable for any user or environment. For everyday handling, each unit comes as standard with a magnetic scraper to clean down the unit after each use.

Easy on-site set up

Powered via a standard mains socket, the stand-alone waste disposal unit comes as standard with everything you need to get started such as a single chute, sliding tabletop, scraper, bin and trolley. The station is lightweight, will fit through any standard door and can be secured safely with lockable front wheels. A simple and easy to use control panel keep you informed of the machine's operating status.

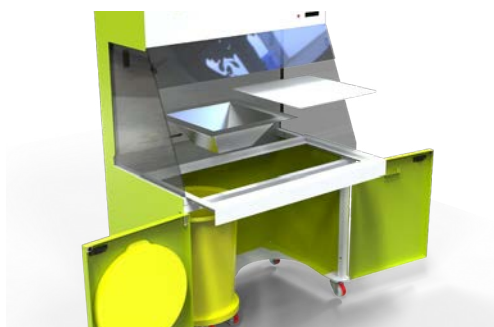


HOW IT WORKS



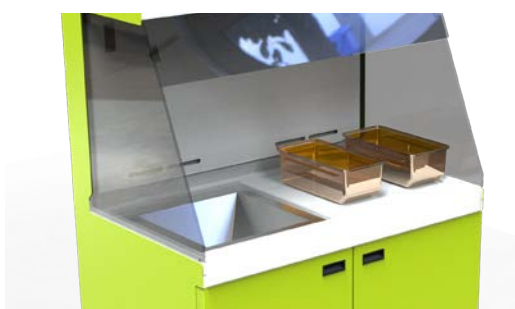
Three Stage Filtration

- ✓ Sychem's standalone bedding disposal station ensures user protection in two distinct ways. The three stage filtration process starts by drawing air and potential allergens away from the user, preventing any exposure. Once air is drawn away from the user it passes through a three stage filtration process, finishing with an H14 HEPA filter.



Unrivalled Cleanability

- ✓ The entire work platform can easily be lifted out for manual cleaning. The clear plastic sides are easy to remove, with both the chute and work surface able to lift out. The doors can be easily removed by hand. This design makes it the easiest waste station to clean on the market.



Universal Cage Compatibility

- ✓ The unit's spacious work surface and open aperture provides you with ample room to safely work with cages of all shapes and sizes. The sliding work surface allows you to breakdown complete cages all within the station safe working environment.



Why do we recommend a double chute and sliding work surface ?

By selecting this option, you benefit in the following ways:

- Save you time by swapping bins out less frequently
- Increased choice of user configuration

Standard features

- One single sliding work surface
- One stainless steel chute
- One bin and trolley
- Removeable knockout bar
- Three stage H14 HEPA filtration
- Magnetic scraper



Accessories

- Second chute
- Sychem bin(s)
- Side handles
- Exhaust thimble
- Magnetic bumpers
- Additional scraper
- Additional work surface
- Colour coded bins



TECHNICAL INFORMATION



Dimensions			
Dimension Description	Inches	mm	
Width	45.43	1154	
Height	77.17	1960	
Depth	29.33	745	
Largest Cage (Height)	13.78	350	
Bin Capacity	Cubic Inch	CC	Litres
Full lined bin	7323	120000	120

Weight		
Unpacked Weight	lbs	kgs
	419	190

Noise	
Noise	dB
Fans only	57

Disinfection Sterilisation Decontamination Specialists



WHO ARE WE?

Founded in 1982, Sychem is a leading provider for disinfection, sterilisation, and decontamination solutions. Operating predominantly within life sciences, healthcare settings and laboratories. Providing a true variety of decontamination equipment, vapour-phase hydrogen peroxide solutions, consumables, and tailored service contracts—all designed to help prevent the transmission of harmful bacteria and viruses.

All our solutions can be customised and perfected to your requirements to meet the cleaning, sterilisation, and decontamination needs of any facility. We provide decontamination, sterilisation and disinfection equipment, PPM packages, and infection control consumables via our world-class UK support team.

Decontamination equipment

In partnership with Steelco S.p.A, we provide a range of life sciences decontamination equipment which includes small washers, medium-large washerdisinfectors, automated tunnel washing systems, and a comprehensive range of steam sterilisers- all designed to aid biomedical facilities in breakthrough research.

Infection control consumables

We're the exclusive partner for Terragene in the UK, providing a range of consumables for use in life sciences. These range from rapid-readout biological indicators and process challenge devices for validating sterilisation cycles.

Vaporised hydrogen peroxide systems

In partnership with Amira, we provide a range of innovative VHP systems. Using vapour-phase hydrogen peroxide (H₂O₂V-Phase) as a cold sterilising agent, our Bioreset system is the most technologically advanced, effective, rapid bio-decontamination system on the market.

Servicing

We provide a comprehensive range servicing solutions which range from validation, testing, PPM packages, breakdown support and our cloud-based assetmanagement software, SychemEye. All to enable facilities to minimise the risks of contamination on-site and keep staff and visitors safe.



Get in touch today!

✉ hello@sychem.co.uk

☎ 0845 644 6824

Disinfection • Sterilisation • Decontamination

sychem.co.uk