



THE QUEEN'S AWARDS  
FOR ENTERPRISE  
INTERNATIONAL TRADE  
2022



# SychemWASTE

## BEDDING DISPOSAL STATION

Our stand-alone **bedding disposal station**, creating a cleaner working environment in biomedical facilities everywhere.

SychemWASTE

Key Features

Design & Accessories

Bespoke SychemWASTE

SychemWASTE RL

Technical Information



Contact us today!

**0845 644 6824**



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[sychem.co.uk](https://www.sychem.co.uk)

## Why choose SychemWASTE?



SychemWASTE is a flexible bedding disposal station, designed to ensure the safe disposal of laboratory animal bedding, a mandatory requirement of any animal facility to protect technicians against laboratory animal allergens (LAA'S).

Our plug and play, stand-alone bedding disposal station comes as standard with a single chute and tabletop, providing a spacious working area ideal for handling small and large cages. Triple stage filtration allows for quiet air extraction and removal of dust, allergens and dander. The system was designed and manufactured to withstand environments where frequent chemical use and moisture exist.

## SychemWASTE

- ✓ Active Airflow Technology
- ✓ Unrivalled Cleanability
- ✓ Ergonomic Design

### Active Airflow Technology

Sychem's Active Airflow Technology extends to protect users at worksurface level, and when tying off and removing waste bins. Air is drawn away from the user at bin level and passed through a mesh, prefilter and then HEPA filter, removing any potential allergens, dust or dander. This protects users from any laboratory animal allergens (LAA's) released during this procedure.



SychemWASTE offers a vast cage compatibility.



### Unrivalled Cleanability

Easily removable doors and sides facilitate simple access and cleaning. The rack washable worksurface and waste chute further allow for ease of cleaning. Fully removable components make SychemWASTE the most accessible waste station.

### Ergonomic Design

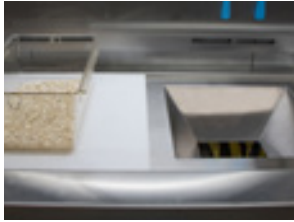
The system features an ergonomic design that allows users to configure the workstation to maximise efficiency. The unit's spacious worksurface provides users with ample room to safely work with various cages. The sliding worksurface allows users to break down complete cages within the station's safe working environment.

## AIRFLOW RANGE

SychemWASTE is part of our Airflow Range, a collection of five systems that also includes: a free flow bedding dispenser, a dual access animal transfer station, a class 2 microbiological safety cabinet, and an air shower.



## Key Features



### Three Stage Filtration

SychemWASTE guarantees user protection. The three-stage filtration process starts by drawing air and potential pathogens away from the user, preventing exposure. After the air is drawn away, it passes through the filtration process, finishing with an H14 HEPA filter.



### Intuitive HMI

The screen displays live information regarding the filters. When the machine is turned on, the display will show a red smiley face which turns to green when the machine reaches optimal airflow levels, and is ready to be used. An amber smiley face indicates a partial blockage of the filters.



### Easy on-site set up

Utilising a standard interchangeable mains plug and locking castor wheels, the standalone waste disposal unit can be quickly and easily installed. Being lightweight, SychemWASTE can easily fit through any standard door and can be fitted by even non-technical personnel.

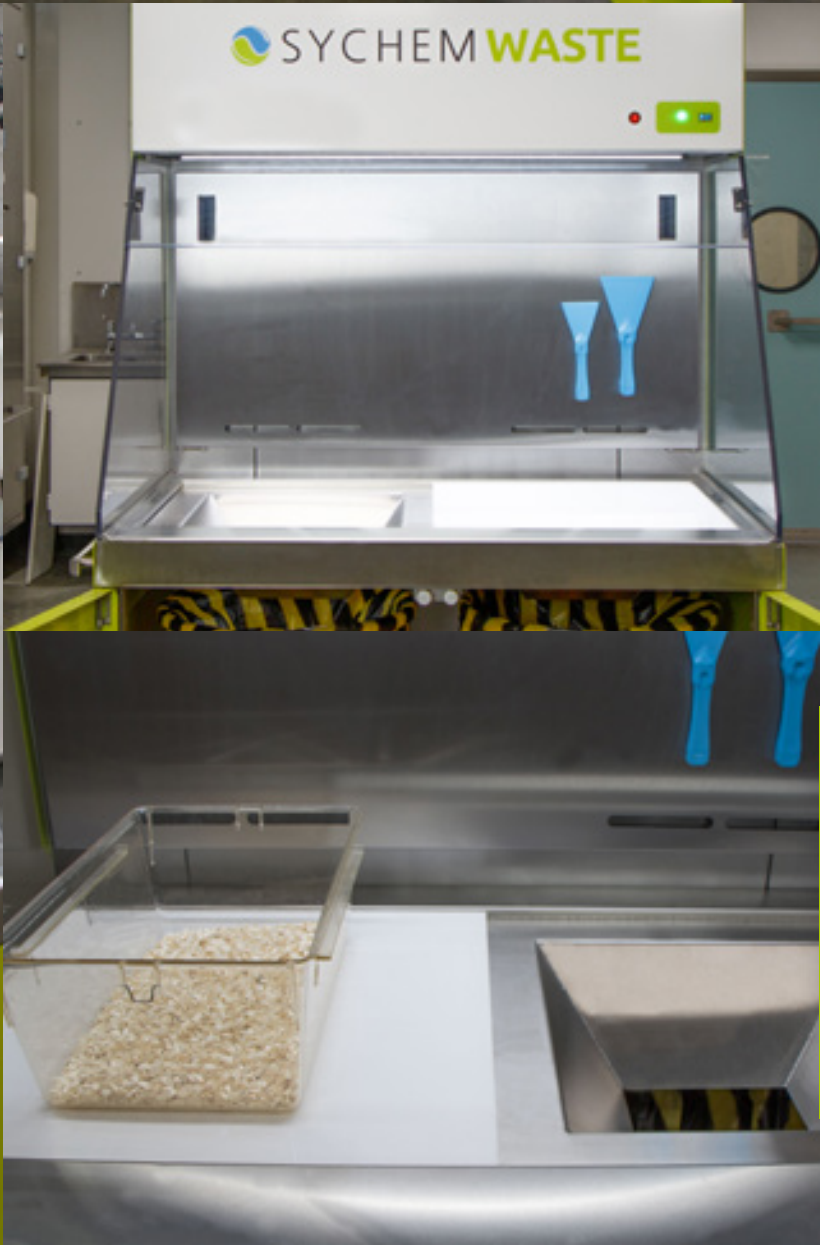


## Double Chute & Sliding Worksurface

By selecting the double chute and sliding work surface option, users can benefit from:

- Saving time by swapping bins out less frequently
- An increased choice of user configuration





## Standard Design

- One stainless steel chute
- One bin and trolley
- Knockout bar
- Three stage H14 HEPA filtration
- Magnetic scraper
- Left side handle

## Accessories

- Second chute with knockout bar
- Sychem bin(s)
- Side handles
- Exhaust thimble
- Magnetic bumpers
- Additional scraper
- Additional worksurface
- Colour coded bins
- Right side handle



## Cage Compatibility

SychemWASTE's open work area allows for rodent cages of various sizes to be easily emptied. The sliding worksurface allows users to break down complete cages.



## SychemWASTE Bespoke

### Customisable Solutions

Here at Sychem, we understand that every facility is unique which is why we offer fully customisable solutions designed to meet your needs.

With a combined effort from our R&D and Projects team, we can tailor SychemWASTE Bespoke to suit the diverse requirements of any facility.

### Client Case Study

The first customisation of the station was developed by our R&D department as a custom-built, automated disposal waste station for a large biomedical client to assist with their animal husbandry needs.

The station featured a macerator and conveyor system to quickly and efficiently dispose of cage waste. This reduced bin change frequency and increased cage throughput.

## SychemWASTE RL

Designed to optimise user comfort, discover our newest version of our waste station, SychemWASTE RL.

At the touch of a button, customise your machine's height with an electrically raising and lowering design.

*Raises to a maximum of 200mm higher than our standard waste station.*





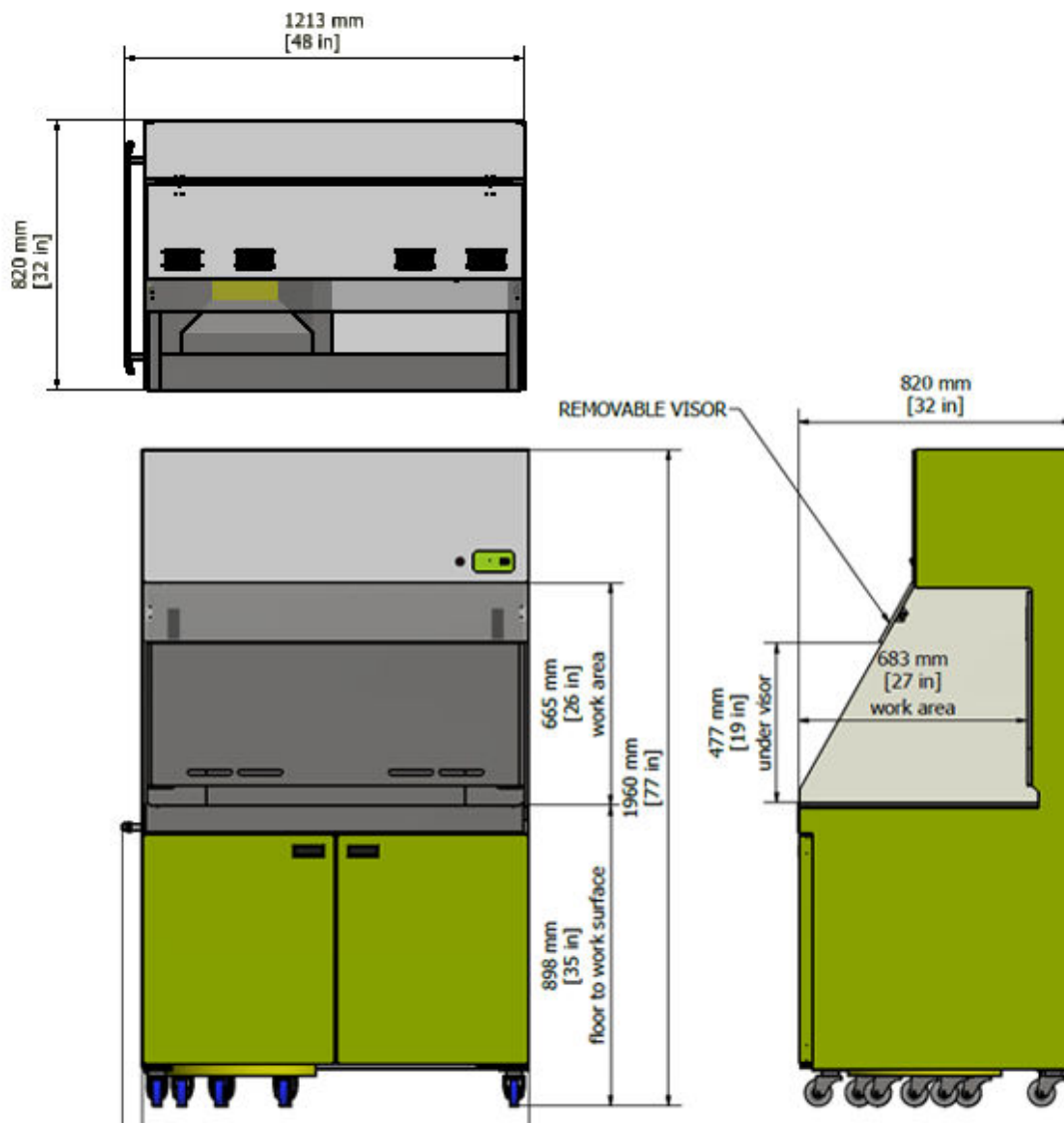
# Technical Information

Dimensions		
Dimension Description	Inches	mm
Width (with handle)	47.8	1213
Height	77.2	1960
Depth	32.3	820
Largest Cage (Height)	13.78	350

Noise	
Noise	db
Fans only	57

Weight		
Weight	lbs	kgs
Unpacked Weight	419	190

Bin Capacity	Cubic Inch	CC	Litres
Full lined bin	7323	120000	120



# SYCHEM AIRFLOW RANGE

Sychem has served the life science sector since 1982, providing a comprehensive range of animal care solutions, services, consumables and animal containment workstations for use in biomedical research facilities.



## SychemFILL

SychemFILL is a clean bedding dispensing system that provides the ideal solution for modernising the cage change process. Featuring unrivalled accuracy in cage filling, regardless of cage size and bedding type, SychemFILL offers a simple and effective filling process that saves time and allows for a higher throughput of cages.

- Industry-leading accuracy
- Intuitive user interface
- Compatible with all free flowing bedding



## SychemCHANGE

SychemCHANGE is a dual access animal transfer station, designed to protect animals from the external cage environment and users from allergens, dander and potential pathogens. The change station utilises Active Airflow Technology to provide a clean working environment.

- Ergonomic excellence
- TRESPA® worksurface
- Red light mode



## SychemWASTE

SychemWASTE is a flexible bedding disposal station, designed to ensure the safe disposal of laboratory animal bedding. This is a mandatory requirement of any animal facility to protect technicians against laboratory animal allergens (LAA'S).

- Unrivalled cleanability
- Three stage filtration
- Double chute option





### SychemSAFETY

SychemSAFETY is a range of dual filter Class 2 cabinets, incorporating the latest in laminator technology, energy-saving designs and HEPA-filtration. The SychemSAFETY cabinet is the ideal choice for your laboratory or research facility whenever operator, environmental and product protection is required.

- Efficient HEPA filters
- Flow sensors
- Customisable solutions



### SychemAIR

SychemAIR is a self contained unit that utilises high efficiency air flow to effectively remove all types of contaminants from individuals before passing into a lower contamination area. SychemAIR features a compact design, a customisable layout, easy maintenance and a flatpack delivery option.

- Particle removal excellence
- Three levels of filtration
- Easy maintenance



### What makes our workstations unique?

All machines in our Airflow range utilise Sychem’s Active Airflow Technology to maximise protection for animals and technicians. All of our workstations are manufactured in the UK, and are designed with ergonomic advantages.



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