



THE QUEEN'S AWARDS
FOR ENTERPRISE
INTERNATIONAL TRADE
2022



SychemWASTE

BEDDING DISPOSAL STATION

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

- SychemWASTE
- Key Features
- Design & Accessories
- Technical Information
- SychemWASTE XL



Contact us today!

0845 644 6824

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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.

 **SYCHEM WASTE**

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, and protecting 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

The SychemWASTE station 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, even by non-technical personnel. It is a lightweight machine that will easily fit through any standard door.

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



Customisable Solutions



SychemWASTE XL

Custom-built, automated waste disposal unit

SychemWASTE XL 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.

SychemWASTE XL features a macerator and conveyor system, to quickly and efficiently dispose of cage waste. This reduces bin change frequency and increases cage throughput.

Based on the requirements of your facility, Sychem can configure a fully customisable solution.

CAGE COMPATIBILITY

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



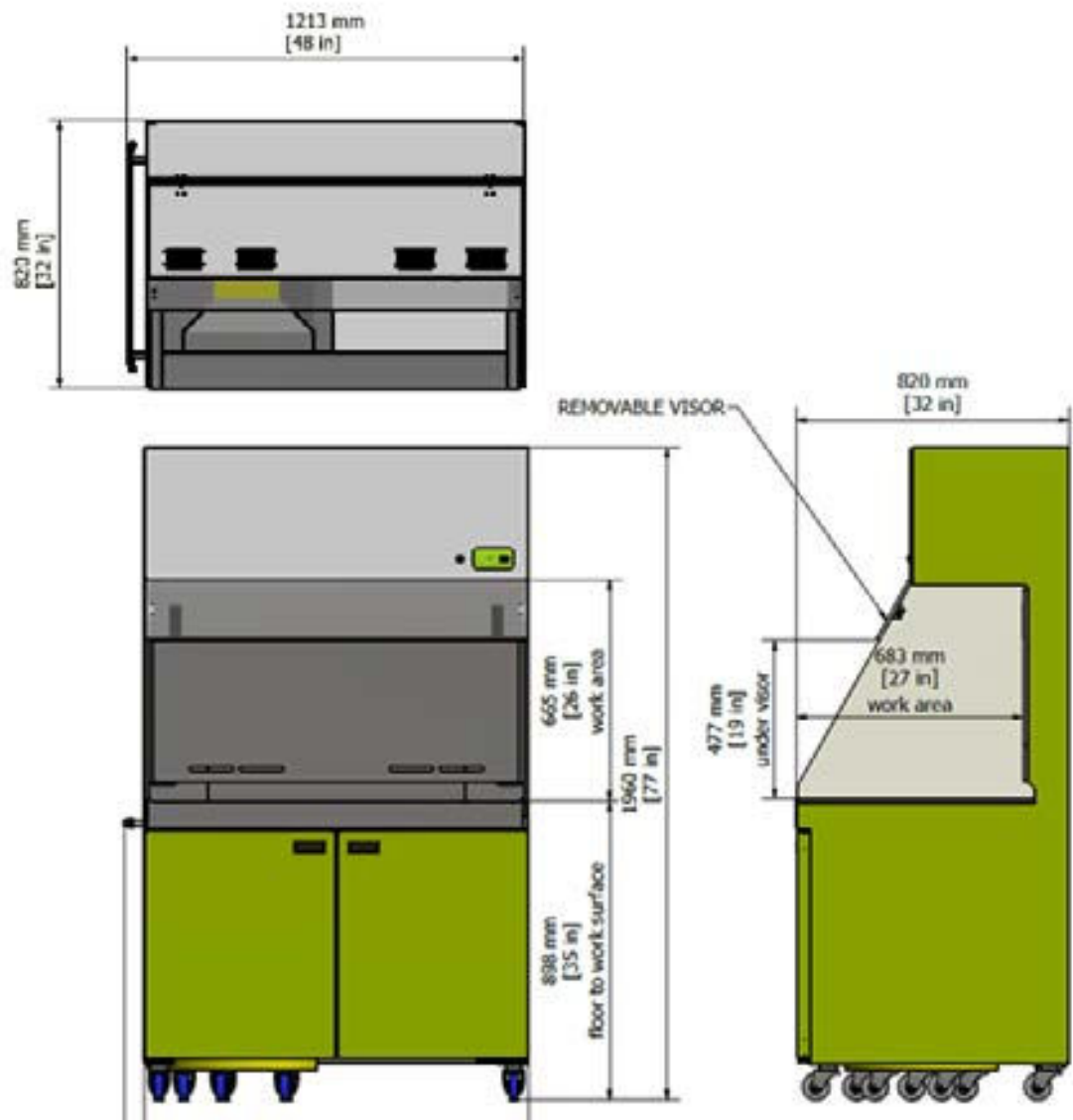
Technical information

| Dimensions | | | |
|-----------------------|--------|------|--|
| Dimension Description | Inches | mm | |
| Width (with handle) | 47.8 | 1213 | |
| Height | 77.2 | 1960 | |
| Depth | 323.3 | 820 | |
| Largest Cage (Height) | 13.78 | 350 | |

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

| Noise | | |
|-----------|----|--|
| Noise | db | |
| Fans only | 57 | |

| Weight | | |
|-----------------|-----|-----|
| Weight | lbs | kgs |
| Unpacked Weight | 419 | 190 |



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

It is a self contained unit that utilises high efficiency air flow to effectively remove all types of contaminants from every individual, reducing their contamination level 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?

Each machine in our Airflow range utilises Sychem's Active Airflow Technology to maximise its protection for animals and technicians. All our workstations are manufactured in the UK, and are designed with ergonomic advantages.



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