

# BIO SYSTEMS SHARPS MANAGEMENT



**We protect what matters.**

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"The biggest benefit to Salford Royal is removing all of the risk out of the sharps process... they come ready onto the ward in the format we're going to use them. So having a fully managed service with dedicated Stericycle technicians means the clinical staff can get on with their job."

**Rob Jepson,**

Head of Hotel Services,  
Salford Royal NHS Foundation Trust

"Just for the areas trialled at the start of the implementation, when compared to single use containers, using Bio Systems has saved the Trust £12k per annum."

**Kevin Hodge,**

Assistant Facilities Manager,  
East Sussex Hospitals NHS Trust

"Working with Stericycle is a true partnership. By working together we are able to provide professional, efficient waste disposal, and ensure compliance with the latest waste legislation."

**Phil Chaloner,**

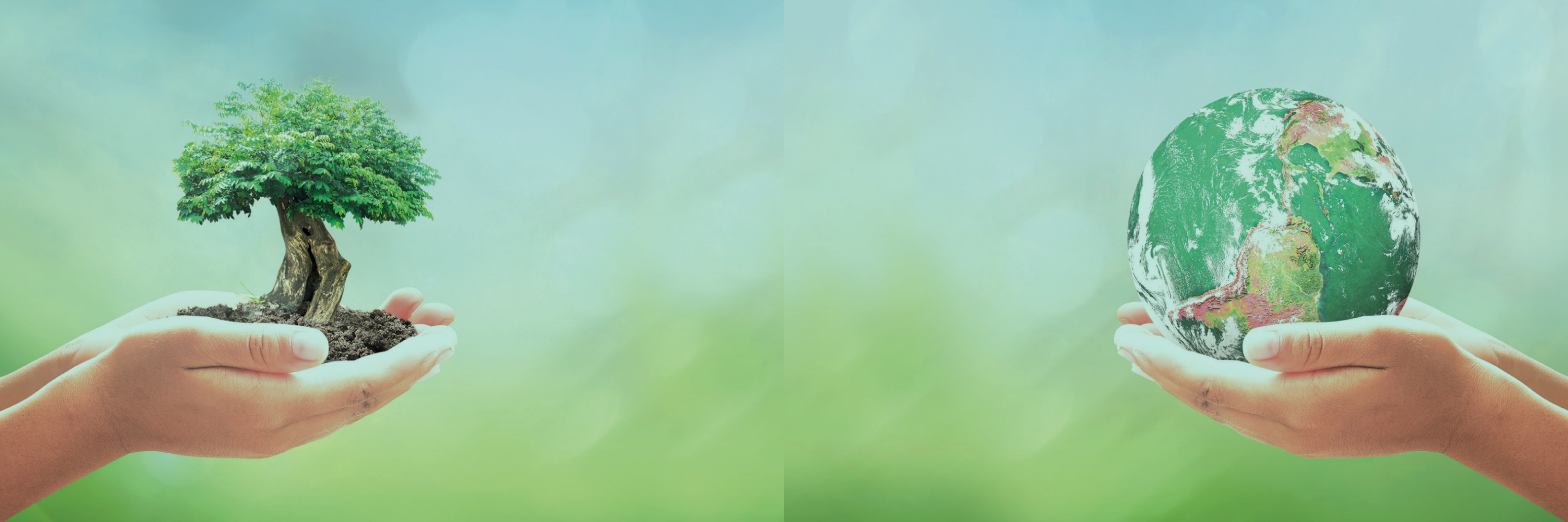
Waste Management Co-ordinator

"The carbon reductions presented by adopting Bio Systems has been very attractive to us. Also, now we are no longer purchasing disposable containers just to burn them once they are full!"

**Colin Weir,**

Facilities Team Leader, CRUK CI





## Who are Stericycle?

We are a world-leading business-to-business services company providing organisations with an array of essential and highly specialised compliance-based solutions, including specialist waste management.

We protect businesses by helping them compliantly manage the storage and disposal of all their risk and non-risk healthcare waste.

We have a proven track record in supporting local and national companies across the public and private sector and our infrastructure, experience, dedication to safety and compliance put us at the leading edge of healthcare waste management.

In addition, we provide other reliable services that protect your people, safeguard your reputation, improve your sustainability and ensure your organisation remains compliant:

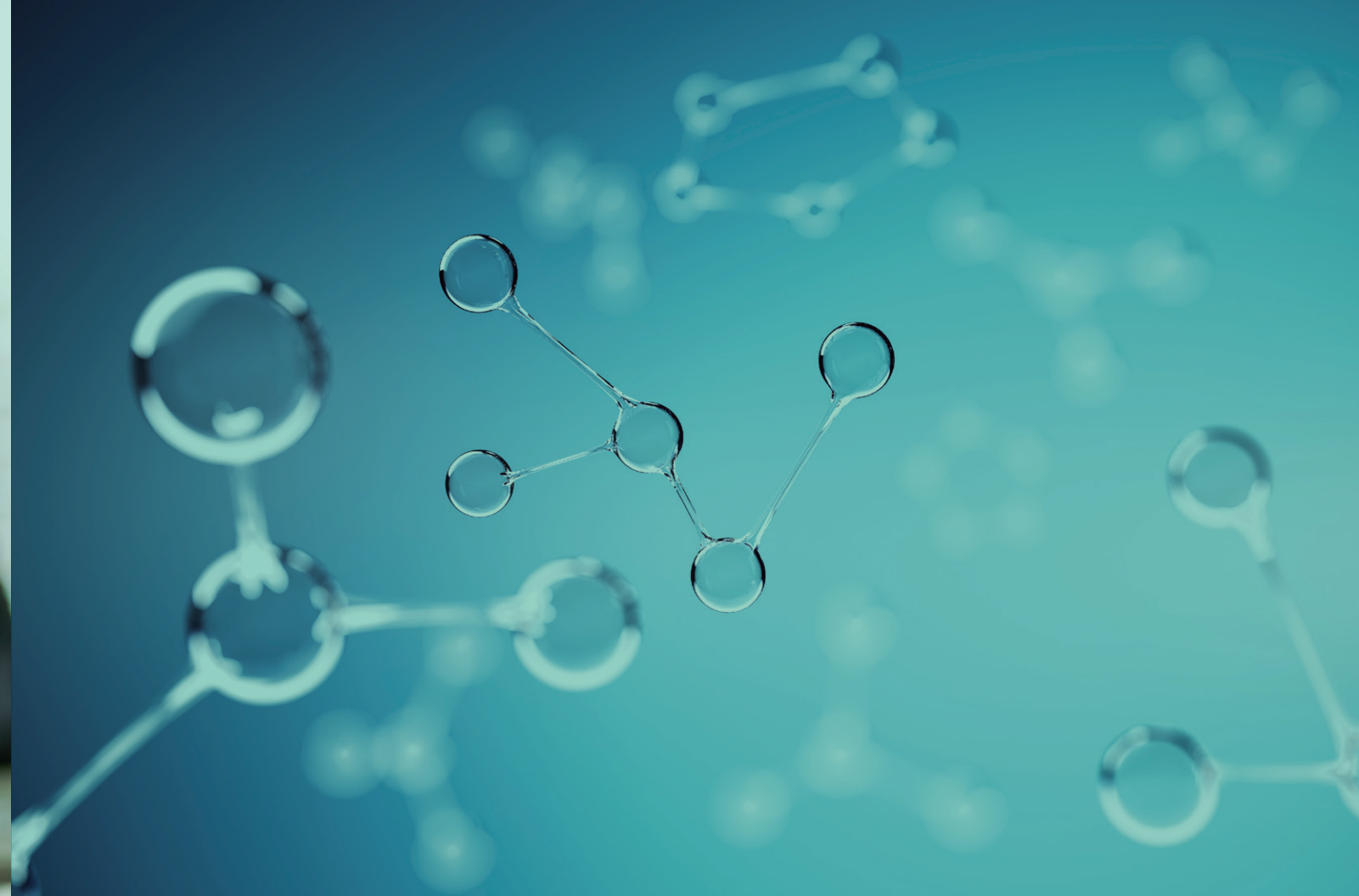
We protect businesses by helping them manage their live physical and electronic data, and securely destroying it when required.

We protect businesses with SaaS compliance solutions for everyday business management challenges.

We protect businesses with secure and best-practice client communication services.

We protect businesses with global leading product recall, audit and marketing services.





## We have unrivalled experience and knowledge in medical waste disposal.

We are the longest established medical waste disposal company in the UK with over 25 years experience in the medical waste business.

Each member of our senior operations, engineering & compliance teams has over 10 years industry experience.

We also have members on the Chartered Institution of Wastes Management (CIWM) healthcare waste special interest group steering committee, and have written and contributed to several CIWM papers on healthcare waste.

## Everything we do ensures our customers are safe - compliance and risk mitigation is in our DNA.

We work in partnership with recognised experts, including the Chartered Institute of Waste Management, the International Solid Waste Association and the Environment Agency, and have shaped and influenced guidance for healthcare waste management.

Our operations are certified to ISO9001; ISO14001 & OHSAS18001.





## We are a trusted partner in UK health waste management.

We have been investing in the NHS for over 20 years and have over 300 NHS customers, managing the waste from over 20,000 sites.

We provide heat and power to seven NHS trusts with hospital-based incinerators, helping to protect NHS investment.

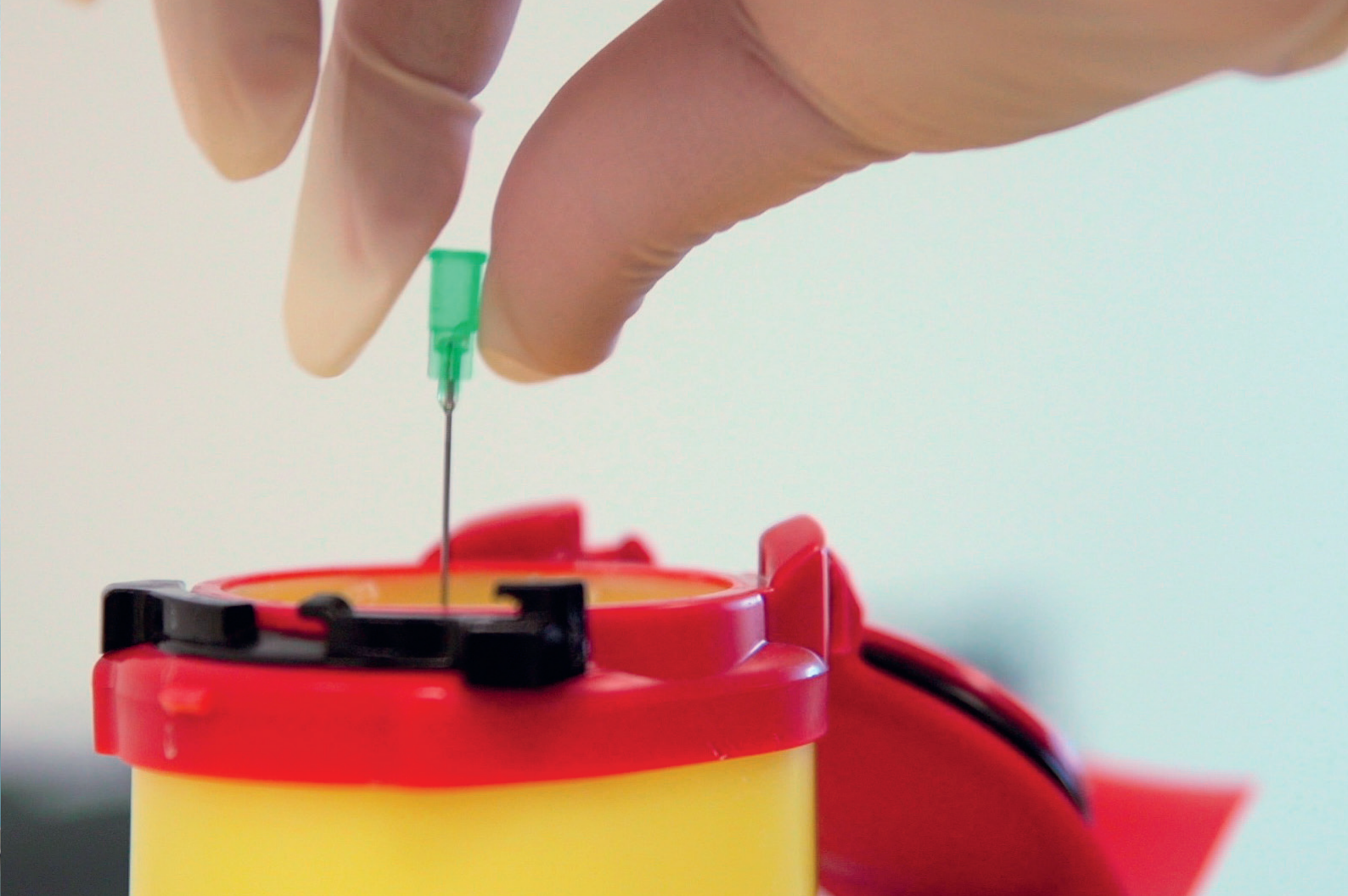
In addition, we work with over 1000 private providers.

## What is the Bio Systems Sharps Management solution?

Thanks to continuous investment and innovation Stericycle is the only company to offer a complete end-to-end service for sharps management, from collection and transportation, right through to treatment at our licenced facilities.

Stericycle's sharps management service features our Bio Systems reusable containers which are UN approved and can be used up to 600 times after washing and disinfection, as opposed to single use containers which are used once then sealed and incinerated.





## We are the SAFE solution.

Clients using the containers typically see a 77% reduction in needlestick injuries.

Stericycle's Sharps Management Service offers a range of benefits such as:

- Improved compliance, as all sharps containers arrive at the hospital assembled.
- Pro-active replacement of containers by a trained technician eliminates over-filling of containers.
- Flexibility to accommodate peak in demand periods with provision for bulk disposal in areas such as operating theatres.
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- UN - approved puncture resistant containers.
- Unrivalled state of the art technology with a three stage disinfection process and stringent quality controls.

## We are the CONVENIENT solution.

As the Sharps Management Service is a complete package and not just a container, customers find the convenience unparalleled.

It can free up staff, cut costs, significantly diminish greenhouse gasses, save space and reduce the risk of needle stick injuries.

Customers can choose from three container sizes 7.5, 15 and 30.2 litres with corresponding wall brackets and trollies to maximise the use of space, as well as improve flexibility and convenience for your staff.





## We are the **ECONOMICAL** solution.

Available in 3 container sizes allowing greater flexibility for your department.

The service can generate cost savings of between 10% - 20% against the total costs involved operating a single sharps use sharps container service.

There is further potential for insurance policy premiums to be reduced due to the reduction in the number of needle stick injuries.

There is no longer a need to purchase sharps containers in bulk and dedicate valuable time to manage stock.

## We are the **SUSTAINABLE** solution.

Stericycle's Sharps Management Service significantly contributes to sustainability targets.

For each Bio Systems container used, up to 600 single-use containers are prevented from being incinerated.

This is equivalent to running two small cars for a year (for a typical 1200 bed NHS Trust).

Environmental impact reduced, compared with the disposal of containers after a single use.

Additionally as containers are reused, bulky packaging waste from the purchase of single use containers is also eliminated.





## Container collection and tracking.

The Bio Systems containers are tracked through optical scanning for compliance and full traceability.

When they arrive at Stericycle facilities they are weighed, scanned again and immediately processed.

Each individual container is emptied inside of a negative air pressure system using state of the art robotics.

All waste is then processed at our on-site waste-to-energy facility.

## Container disinfection.

As part of the service Stericycle collects and replaces sharps containers from customer premises.

The full containers are then scanned and taken to our treatment facility where they are weighed scanned and immediately opened, emptied and disinfected using an automated wash line coupled with a state of the art robotics system.

Finally the containers are meticulously inspected and reassembled before they are returned back to the customer in a ready to use condition, for the cycle to continue.





## We offer TWO service options.

Managed service - At regular intervals highly trained, dedicated Stericycle technicians manage the stock of the containers, collecting them when full and replacing them with fresh containers.

Non-managed service - The customer's staff members manage the container movements at their premises preparing them for collection and replacement by Stericycle. Full training is provided to all teams as required to ensure this is done efficiently, and compliantly.

Whichever service option you choose, we will provide full training to all teams as required to ensure efficiency and compliance.

## About Bio Systems containers.

The Stericycle Bio Systems containers are solid plastic boxes that meet all the relevant packaging, labelling and marking requirements.

All Bio Systems containers arrive on site assembled and ready for use.





## The Bio Systems horizontal lid container.

Permanent lock and strong temporary side locks.

Restricted access to container contents.

Horizontal opening allows for multiple items to be disposed of at the same time.

### Permissible contents:

Contaminated sharps; scalpels; razors; syringes; empty vials; contaminated slides.

Available  
Sizes:  
7.5 & 15  
litres

## The Bio Systems vertical drop (or 'funnel-neck') container.

Easy to use with little room for error. Simply drop items into the hole, similar to disposable sharps bin use.

Restricted access to container contents, i.e. user cannot get hands into aperture opening.

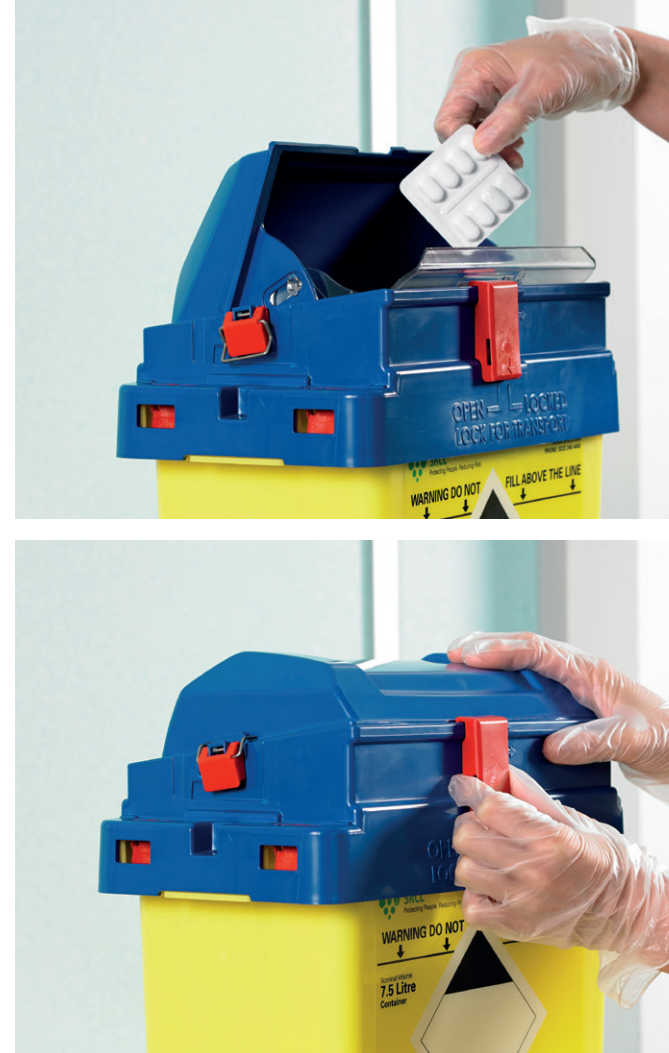
Funnel design helps prevent overfilling and good amount of contingency space above fill line on container.

### Permissible contents:

Contaminated sharps; scalpels; razors; syringes; empty vials, contaminates slides.

Available  
Size:  
7.5 litres





## The Bio Systems pharmaceutical tip tray container.

Permanent lock and strong temporary side locks.

Restricted access to container contents.

Horizontal opening allows for multiple items to be disposed of at the same time.

### Permissible contents:

Out of date stock; ward or patient returns (not cytotoxic or cytostatic) in inner packaging (remove outer packaging); do not use for large amounts of free liquids.

Available  
Size:  
7.5 litres



## The Bio Systems 30.2 litre container.

Opening device can be operated by foot pedal of trolley.

Permanent lock and strong temporary side locks.

Horizontal opening allows for multiple items to be disposed of at the same time.

### Permissible contents:

Contaminated sharps; needs; hard plastic disposable items; syringes; suction liners; blood stained or contaminated glass; contaminated body fluid and sputum containers.

Available  
Size:  
30.2 litres





## Bio Systems accessories

We have a range of ancillary equipment that has been designed to complement our reusable containers. These assist your staff in the safe and compliant disposal of all sharps at the point of patient care.

Our products allow the Bio Systems containers to be combined with your current trolleys and accessories or as a new stand-alone system.

### Stability tray

Plastic tray gives extra stability for free standing Bio Systems containers. Curved edges for easy cleaning; holds both Stericycle's 7.5ltr or 15ltr Bio System containers.

#### Item code:

Stability tray - SRCL3110Sta

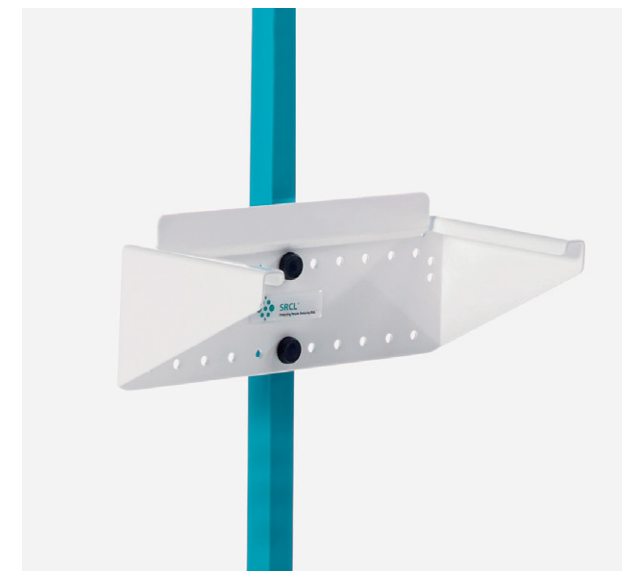


### Trolley mountable tube mount bracket - Bracket A

Will fit most existing NHS trolleys; curved edges and minimal bolts for easy cleaning; holds both Stericycle's 7.5ltr or 15ltr Bio Systems containers; clip over medical rails or leg mount will fit either square or tube legs; ideal for drugs and dressing trolleys.

#### Item code:

Tube mount bracket - SRCL3107Tm



### Trolley mountable clip on bracket - Bracket B

Will fit most existing NHS trolleys; curved edges and minimal bolts for easy cleaning; holds both Stericycle's 7.5ltr or 15ltr Bio Systems containers; clip over medical rails or leg mount will fit either square or tube legs; ideal for drugs and dressing trolleys.

#### Item code:

Clip on bracket - SRCL3108Hb



### Wall mountable lockable bracket - Bracket C

Available as a lockable secure bracket (plastic); ideal for accident and emergency departments; hook on wall bracket (metal); curved edges and minimal bolts for easy cleaning; holds both Stericycle's 7.5ltr or 15ltr Bio Systems containers.

#### Item code:

Lockable wall bracket - SRCL3108LW







### Wall mountable hook bracket - Bracket D

Ideal for accident and emergency departments; hook on wall bracket (metal); curved edges and minimal bolts for easy cleaning; holds both Stericycle's 7.5ltr or 15ltr Bio Systems containers.

**Item code:** Hook Lockable wall bracket – SRCL3105W



### Point of care - Transport trolley B

Robust & easy to manoeuvre; curved edges and minimal bolts for easy cleaning; braked 65mm sealed medical grade casters; robust nylon modified polyester coatings; weighted low centre of gravity base for greater stability; waste bag pedal bin for disposal of soft waste; holds both Stericycle's 7.5ltr or 15ltr Bio Systems containers.

**Item code:** Trolley B – SRCL3102B



### Point of care - Transport trolley A

Robust & easy to manoeuvre; curved edges and minimal bolts for easy cleaning; braked 65mm sealed medical grade casters; robust nylon modified polyester coatings; weighted low centre of gravity base for greater stability; holds both Stericycle's 7.5ltr or 15ltr Bio Systems containers.

**Item code:** Trolley A – SRCL3101A



### Point of care - Transport trolley C

Robust & easy to manoeuvre; curved edges and minimal bolts for easy cleaning; braked 65mm sealed medical grade casters; robust nylon modified polyester coatings; weighted low centre of gravity base for greater stability; holds Stericycle's 30ltr Bio Systems container for increased capacity and larger aperture; ideal for specialist areas such as renal units and oncology departments.

**Item code:** Trolley C – SRCL3102C





**Instrument tray attachment & plastic tray**  
Fits trolleys A, B and C

**Item codes:**  
Instrument tray attachment – SRCL3104Tr  
Plastic instrument tray – SRCL3111PT



**30ltr red pedal frame**  
Easy to manoeuvre; curved edges and minimal bolts for easy cleaning; braked casters; holds Stericycle's 30ltr Bio Systems container for increased capacity and larger aperture; ideal for theatres and utility rooms; foot pedal operation for safe hands-free use.

**Item code:** 30ltr red pedal frame – SRCL3109red



**WHEN YOU PLEDGE TO TAKE CARE OF YOUR CUSTOMERS, COMMUNITIES AND THE ENVIRONMENT YOU NEED MORE THAN JUST A WASTE COMPANY. YOU NEED STERICYCLE.**

**Our services include:**



Medical Waste



Sharps Management



Hazardous Waste



Pharmaceutical Waste



Specialist Waste



Communication Services



Compliance & Business



Information Destruction

For more information about any of the Stericycle services contact:

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Or visit **www.stericycle.co.uk**



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