

# Sharpsmart

## Easy access

Swing-action Safety Tray provides a large opening while restricting hand access



**No leaks**  
Leakproof seal eliminates leakage

**Eliminates overflowing**  
Safety Tray automatically stays upright when collector is full

**Check content levels**  
Clear-view window shows fill level while concealing messy contents

**Can't be re-opened**  
Side locks are tamper-proof when engaged

**Full**

## Can you afford to use anything less?

- ✓ **Saves lives:** Sharpsmart's 3-Pr's significantly reduce sharps injuries.
- **Product** – safest in the world
- **Placement** – collectors mounted exactly where needed
- **People** – Sharpsmart provides through staff education.
- ✓ **Saves space:** Collectors and systems designed for stable stacking and efficient storage.
- ✓ **Saves waste:** Unlike disposable containers, Sharpsmart collectors are re-used, reducing plastic in sharps waste by over 25%. No outer packaging is used
- ✓ **Saves costs:** Reduction of sharps injuries reduces costs associated with managing these injuries
- ✓ **Saves time:** Pre-assembled design eliminates staff time required to assemble containers

## Safer – wherever you work

From hospitals to home healthcare, in labs or on location, there is a Sharpsmart collector and size to suit your needs.

Regular collectors provide enhanced safety and overflow prevention features. Access Plus collectors allow fast, easy disposal of large or bulky items in secure areas.



Sharpsmart's wide range of one-size-fits-all accessories and brackets lets you position the collector in the most suitable location.

### Accessories include:

- Wall and bench brackets for optimal space usage
- Mountsmart brackets and cradles for existing trolleys, carts and benches
- Cartsmart and Accessmart trolleys for easy, safe mobility
- Delivery carts and solutions for logistics inside and outside the healthcare facility.

## What we think of Sharpsmart...

"The Hospital For Sick Children... is extremely happy with Sharpsmart in all of its applications."

**Tom Hevels**  
Environmental Action Coordinator  
Hospital For Sick Children  
Toronto, Canada

"I regard these containers as one of the most exciting developments in sharps contamination for many years."

I am pleased to have these as an integral part of this ongoing sharps safety program. **Hirshudu**  
**Digital Health Board**

**Tom Price**  
R.G.O.N.B.S. (Med) (DH)  
Infection Control  
New Zealand  
Healthcare Direct Health Board  
New Zealand

## Making Healthcare Safer around the world

Daniels is making healthcare safer for patients, healthcare workers and organisations by developing innovative, safe and environmentally-friendly products and services.



To find out more information on how Sharpsmart can protect you and your staff, visit [www.danielsinternational.com](http://www.danielsinternational.com)

Daniels supports our planet by using environmentally-friendly papers and inks.

Distributed by



# Sharpsmart

✓ Hospitals ✓ Doctors ✓ Nurses ✓ Day Surgeries ✓ Pathologists

## Making Healthcare Safer and the environment cleaner



Sharpsmart: the safer system that's protecting healthcare workers around the world

DAIELS 25714 5125 0003/06



# A safer sharps service that healthcare facilities rely on

The Sharpsmart Circle of Safety is the world's safest and most environmentally responsible sharps management system. The Sharpsmart sharps collector is the key link in an unbroken chain of service to healthcare facilities around the world.

- The Circle of Safety gives you complete door-to-door sharps service that:
- ✓ Removes the risk of injury from your sharps containers
  - ✓ Protects the environment by reducing plastic waste

## Safer for staff and patients

Results from the largest international study of sharps management systems published in the *Journal of Hospital Infection*. These findings were dramatic, and showed that the Sharpsmart system reduced:

Container-related sharps injuries: ↓ 87%  
 Other sharps injuries: ↓ 26%  
 Total sharps injuries: ↓ 83%

## Safer for the environment

Since its inception, Sharpsmart has understood the importance of providing a sharps management system which is reusable. Sharpsmart's system reduces significant volumes of plastic and cardboard from the sharps waste stream.

Plastic component of sharps waste: ↓ 25%  
 Medical waste per 100 hospital beds: ↓ 3,000kg\*

\*Note: In comparison to 100 hospital beds treated with a conventional sharps management system. Source: *Journal of Hospital Infection*, Vol. 54, Number 1, July 2012, pp. 102-107. © 2012, Elsevier. All rights reserved. Sharpsmart is a registered trademark.



## Why we use Sharpsmart...

**"Clinical staff were particularly impressed by the Sharp box tray which shuts to prevent overflowing – this is one of its greatest advantages."**

**We have since implemented the System through our entire 2000 bed trust.**

**Shella Morgan**  
 Director of Infection Control  
 The Frimley and Royal Victoria Hospitals  
 Newcastle, United Kingdom

**"The container is much stronger with the containers, as they almost eliminate the possibility of sharps injury during disposal..."**

**The containers can't be accessed by children, an important design feature.**

**Rhylene Pender**  
 BBSC, Dr. App. Sc. (Nursing), Grad Dip. Infection Control (Australia)  
 The Frimley and Royal Victoria Hospitals  
 Melbourne, Australia

**"In the first full year of use our after-use disposal Needle Stick injury rate was reduced by one third.**

**I am pleased to confirm that the system's containers, which contributed to a verifiable reduction in Needle Stick injuries."**

**Peter Clayton**  
 RNLI, ED Director,  
 Sporester Infection Control Nurse  
 The Frimley and Royal Victoria Hospitals  
 Newcastle, United Kingdom

# Sharpsmart Circle of Safety



### 1



#### Smart, safe delivery system

- Sharpsmart collectors arrive pre-assembled, eliminating:
  - Waste from cardboard packaging
  - Container assembly time
  - Sharps injuries caused by incorrectly assembled containers.
- The TraceSmart electronic scanning system for inventory control provides accurate information on stock numbers, usage patterns and sanitisation efficacy.

### 2



#### Sharps collectors where you need them

- Sharpsmart's trained specialists will advise on the best system incorporating:
- Collector sizes and locations to optimise changeover frequency
- Specifically designed accessories to provide port of use disposal
- Thorough education of staff.

### 3



#### Protecting staff and patients

- Sharpsmart is patented, swing-action, Safety Tray, and leak-proof seal.
  - Provides large 300mm wide opening to easily accept large sharps
  - Eliminates hand access to the storage container and discarded sharps.
- In secure areas, such as Operating Rooms and Labs, where bulky sharps are used, rapid collection is required. Advanced Sharpsmart collectors provide easy and safe disposal.

### 4



#### Safer when full

- When full, the Safety Tray swings into an upright position to prevent overfilling, and thereby:
- Eliminate the risk of injury from protruding sharps.
  - Unique, tamper proof locks and leak-proof seal.
  - Security seal and lock full Sharpsmart
  - Cannot be re-opened manually
  - Prevent risk of leakage during movement.

### 5



#### No risks in transit

- High standards of safety and service even after full Sharpsmarts are removed from your premises.
- Purpose-built bulk transport trays for efficient handling
  - Sharpsmart collectors meet United Nations P02 Transport Hazard Class for Transport of Dangerous Goods.

### 6



#### Better for the environment

- Reusable design provides huge ecological advantages:
- Plastic in sharps waste reduced by 25%
  - Removal and treatment of waste in accordance with environmental regulatory requirements
  - Environmentally-friendly detergent used during six-stage Wiseman robotic process
  - Re-use water is recycled during wash process
  - Washer/detergent does not require harmful chemicals to achieve its high degree of microbiological efficacy.

### 7



#### Quality control checks before the cycle restarts

- Rigorous checks before Sharpsmart collectors are returned to service:
- Cleanliness checks performed
  - Functionality checks performed.



# Sharpsmart collectors save lives and reduce waste

