What are Sharpsmarts' Features & Benefits?

Sharpsmart
MAKING HEALTHCARE SAFER

1 Clearview Window

Enables sharps to be seen when in contact with window – no unsightly fluids on display.

2 Ergonomic Strong Handle

Facilitates carriage away from body; fibreglass-polymer mix enables high strength for safety during manual transport (as per ISO standard).

3 Extra-large Aperture

Enables safe deposit of awkward or large sharps. Has proven superior to smaller apertures in peer reviewed study.[1]

4 Collector Wall Strength

High quality ABS polymer eliminates sharps injuries from sharps penetrating walls or lid; Also enables long life and prolonged product attractiveness.

5 Horizontal Drop Aperture

Enables sharps to enter aperture with greater safety and stack more efficiently in collector-base. Around 30% more waste.

6 No Cabinet Necessary

Sharpsmart ABS plastic maintains product attractiveness and discreetly hides contents. The Sharpsmart is replaced clean every exchange. Eliminates transport soiling, cleaning, pathogen retention, and key-finding.

7 Pre-assembled

No difficult-to-assemble containers, no unsafe gaps from incorrectly assembled containers; no lids detaching from bases when full; less exchange time.

8 Tray Sensitivity

The patented tray enables very light sharps to be self-deposited safely down into collector; reduces risk of "protrusion" sharps injuries from aperture-retained sharps.

9 Hand-entry Restriction

Patented tray restricts hand entry – reduces risk of sharps or drug diversion; reduces risk of inquisitive child hand entry.

10 Leakproof

When closed and locked, neoprene seal in lid (present in all Sharpsmarts) ensures liquids are securely contained, no matter what the orientation of the container.

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11 Tamper-proof Locks
Cannot be opened manually once closed. Enables complete peace of mind from closure to contents-disposal.

12 Temporary Closures
Enables easy and safe temporary closure whenever necessary or whenever moved for use at another site.

13 Siting of Side Locks
Enables safe closure without hands being above or in front of aperture – reduces "protrusion" sharps injuries.

14 Stackable
Raised edges on top and bottom enables ergonomic and stable stacking in unique 90^0 configuration.

15 Overfill Protection
Patented tray locks in upright position when full. Eliminates sharps injuries from overfilled containers.

16 Universal Bracket
One bracket fits all designs and sizes in Sharpsmart family – enables size-changes to be made without involving maintenance staff to change bracket.

17 Lockable Bracketry
When required by law or local requirements, lockable wall brackets are available – With left or right locks.

18 Engineered Carts
Proprietary engineered Cartsmarts are designed for safe, wheeled transport of 1 or 2 Sharpsmarts and other clinical accessories and sharps-related items.

19 Convoluted Base
Enables scalpels, blades, etc., to be easily dislodged during the automated high level decontamination.

20 Smartguard Coating
Sharpsmart's proprietary coating applied as final stage of wash process, enables easy removal of fluids and soils to ensure thorough cleaning.

21 Topple-resistance
Vertical wall design increases topple-resistance in Sharpsmart family – increases spillage-safety during use.

22 Automated Washing
Proprietary Washsmart process enables hands-free, safe and thorough decontamination achieving a 6-Log reduction of pathogen challenge.

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23 High-level Decontamination

Washsmart multi-stage process encompasses high-pressure cold, warm and scald washes and hospital-grade disinfectant to achieve high-level decontamination.

24 15 point QA/QC Process

Occurs on every individual Sharpsmart AFTER the Washsmart process – ensures thoroughly cleaned, intact, fully functional and compliant collectors are delivered.

25 External Transporter

Proprietary, task-designed, sealable transporters hold up to 36 Sharpsmarts containers for safe, compliant transport of clean containers to clients.

26 Internal Transporter

Proprietary, task-designed, labour-efficient transporters are available for internal Sharpsmart exchanges.

27 Sharpsmart Walls

Proprietary, multi-bracket shelving is available for space-efficient, safe hanging of spare Sharpsmarts where required.

28 Tough Construction

Unique design and high-quality polymer ensure Sharpsmarts are extremely strong – even taking the weight of a 120kg human without breaking.

29 Certified Safe

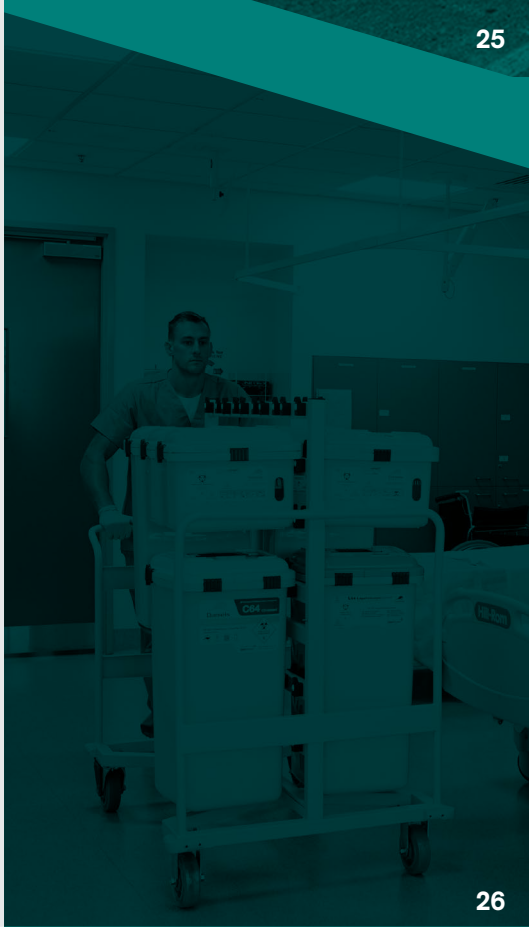
Sharpsmarts are certified to Canadian, Australian, ISO, UK sharps container standards and UN-ADG, FDA, OSHA and DOT requirements – ensuring high sharps protection for clients.

30 Proven Safe

The Sharpsmart family is proven in 4 internationally published peer-reviewed studies, to significantly reduce sharps injuries.[1-3]

31 Environmentally Safe

Sharpsmarts have been shown in internationally published peer-reviewed studies, to significantly reduce the carbon footprint of a facility's sharps waste stream by 65-85%,[4-5] and reduce waste volumes.[6]



1. Grimmond T and Naisoro W. Sharps injury reduction: A 6-year, 3-phase study comparing use of a small patient-room sharps disposal container with a larger engineered container., J Infect Prev 2014;15 (5):170-174. | **2.** Grimmond T, Bylund S, Anglea C, at al. Sharps injury reduction using a sharps container with enhanced engineering: A 28 hospital nonrandomized intervention and cohort study. Am J Infect Control 2010;38:799-805. | **3.** Grimmond T, Rings T, Taylor C, Creech R, R. Kampen R, W. Kable W, et al. Sharps Injury Reduction Using Sharpsmart – A Reusable Sharps Management System. J Hosp Infect 2003;54(3): 232-238 | **4.** Grimmond T and Reiner S. Impact on Carbon Footprint: An LCA of Disposable vs Reusable Sharps Containers in a Large US Hospital. Waste Management & Research 2012;30:639-642. | **5.** McPherson B, Sharip M and Grimmond. The Impact on Global Warming Potential of Converting to Reusable Sharps Containers in a Large US hospital Geographically Distant from Polymer and Container Manufacture. Submitted to Waste Man & Res, Feb 2017. | **6.** De Sousa F, Martin D and Grimmond T. The impact of a liner-less reusable clinical waste bin system on costs, waste volumes and infection risk in an Australian acute-care hospital. Healthcare Infection, 2014, 19, 76–80. http://dx.doi.org/10.1071/HI13048.

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