

What are Sharpsmart's Features & Benefits?



- 1 Clearview Window**
Enables sharps to be seen when in contact with window – no unsightly blood via see-through container.
- 2 Ergonomic Strong Handle**
Facilitates carriage away from body; fibreglass-polymer mix enables high strength for safety during manual transport.
- 3 Extra-large Aperture**
Enables safe deposit of awkward or large sharps.
- 4 Wall Strength**
High quality ABS polymer eliminates sharps injuries from sharps penetrating walls or lid; enables long life and prolonged product attractiveness.
- 5 Horizontal Drop Aperture**
Enables sharps to stack more efficiently in container.
- 6 No Cabinet Necessary**
Sharpsmart ABS plastic maintains product attractiveness, discreetly hides contents, replaced clean every exchange. No dirty cabinet or key-finding.
- 7 Pre-assembled**
No difficult-to-assemble containers, no unsafe gaps from incorrectly assembled containers, less exchange time.
- 8 Tray Sensitivity**
Patented tray enables very light sharps to be self-deposited safely down into container; 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 Tamper-proof Locks**
Cannot be opened manually once closed. Enables complete peace of mind from closure to contents-disposal.

What are Sharpsmarts' Features & Benefits?

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Temporary Closures

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

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Siting of Side Locks

Enables safe closure without hands being above or in front of aperture – reduces “protrusion” sharps injuries.

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Stackable

Raised edges on top and bottom enables ergonomic and stable stacking in unique 900 configuration.

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Overfill protection

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

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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.

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Lockable Brackets

When required by law or local requirements, lockable wall brackets are available.

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Engineered Carts

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

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Convuluted base

Enables scalpels, blades, etc., to be easily dislodged during automated jet-washing.

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Smartguard Coating

Daniels proprietary coating applied as final stage of wash process, enables easy removal of fluids and soils to ensure thorough cleaning.

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Topple-resistance

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

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Automated washing

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

FULL

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22 High-level Disinfection

Washsmart 6-stage process encompasses high-pressure cold, warm and scald washes and hospital-grade disinfectant to achieve high-level disinfection.

23 10 point QA

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

24 External Transporter

Proprietary, task-designed, seal-able transporters hold up to 72 Sharpsmarts for safe, compliant transport of clean Sharpsmarts to clients.

25 Internal Transporter

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

26 Sharpsmart Walls

Proprietary wall brackets is available for space-efficient, safe hanging of spare Sharpsmarts where required

27 Certified Safe

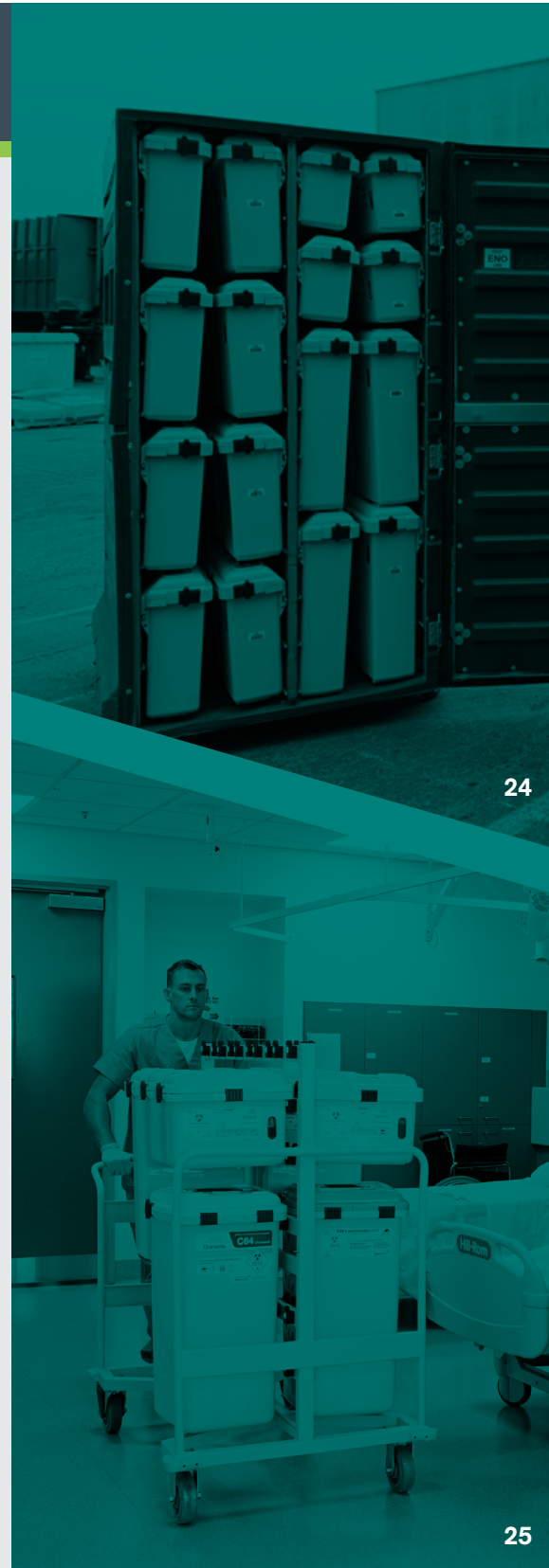
Sharpsmarts are certified to Canadian, Australian, ISO, UK sharps container standards and UN-ADG, FDA, OSHA and DOT requirements – ensuring high sharps protection for clients.

28 Proven Safe

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

29 Environmentally Safe

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



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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, et 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>.