

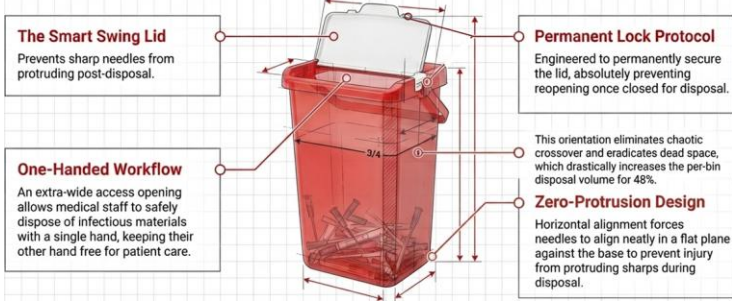


JCI International



# Smart Sharp Disposal Bin

**The Goal: Eliminate accident costs, streamline waste management, and build a robust domestic supply chain that reduces reliance on imports.**



Specification	Low Throughput	Standard Ward	High Volume / Surgical

Total Capacity (Liters)	3 L	7 L	11.5 L
Overall Dimensions (mm)	L156 x W140 x H200	L253 x W230 x H190	L253 x W230 x H379
Access Opening (mm)	L130 x W30 x H10	L213 x W84 x H10	L213 x W84 x H10
Empty Weight (g)	235 g	418 g	554 g
Safe Fill Capacity (3/4 Line)	2.25 L	5.25 L	8.63 L

**Global Compliance**

**Accident Resilience**

Penetration Resistance  
**Withstands >15 N of puncture force.**

Standard: ISO 23907

**Usability Tolerance**

Drop Impact  
**1 Meter Drop Test.**

Filled to 0.2 kg/l density; guaranteed zero breakage or leakage upon impact.

Standard: ISO 23907

**Transit Durability**

Topple Stability  
**15° Angle Tolerance.**

Container loaded to fill line will not move or topple in adverse positions.

Standard: ISO 23907 / AS/NZS 4261:1994

**Value across Healthcare System**

**Clinical Safety**

Minimizing exposure.

Prevents needle detachment accidents; integrates a smart swing lid to eliminate accidental spills and reopening.

**Operational Economics**

Total Cost of Ownership (TCO).

Optimized capacity design reduces the frequency of bin replacements and lowers overall waste management expenses over time.

**Macro-Sustainability**

Environmental & economic ecosystem.

Environmentally friendly materials; supports domestic sourcing and labor, reducing medical-supply import dependency.