

# KS-Seal

AUTOMATED WASTE  
SEALING SYSTEM



 **Kapsam**

# Safeguarding Health with Secure Waste Disposal



## Application Fields

- Pharmacies and compounding units
- Laboratories
- Oncology wards
- Dialysis clinics and blood donor centres.
- Infectious diseases clinics
- Homecare units
- Pre-schools and retirement homes



## Dispose safely with airtight protection

In healthcare facilities, ensuring the safe disposal of infectious and hazardous waste is paramount to protecting both healthcare workers and the environment. KS-Seal provides airtight protection, facilitating secure disposal and mitigating risks with a closed-system solution. Adhering to guidelines, it ensures safe waste management, preventing the spread of odors and aerosols.

## Importance and Impact

According to the World Health Organization (WHO), 15% of the waste produced in healthcare facilities comprises pathological and infectious materials, posing a threat to healthcare workers with significant challenges. From cytostatics in cancer treatment to the disposal of antibiotics and anti-viral medications, the risks to healthcare workers are evident.

### For more information:

<https://www.who.int/india/health-topics/medical-waste>



# Innovating Safety: Features and Versatility

## Advanced Safety

- Hermetic sealing to prevent odor and contamination spread.
- Safe interim storage for infectious and cytotoxic waste.
- Rapid sealing process for contamination avoidance  
(4 secs/closure, 18 secs/cycle)

## User-Friendly Design

- Adjustable bag length for convenience.
- Easy-to-clean and load-unload components.
- LED light indicator (ready/under-operation)

## Mobile and Versatile

- Battery option available for mobility.
- Integratable into existing cabinet workbenches for seamless operation.
- Foot-pedal option to avoid contamination

## Functional Foil Cassette

- Generous foil length (40 mt, up to 400 sealing/foil)
- Compatible with other brands (i.e. Berner, Paxxo)
- Environmentally friendly PE material with transparent and red color options.



# Minimize Cross-Contamination with Workbench Integration

KS-Seal system seamlessly integrates with Kapsam cabinets and PharmaScope Onco Compounding System, enabling convenient waste disposal within the safe workspace. Integrated with cabinet automation, it enables monitoring foil length and receiving alerts before depletion of foil cassette for uninterrupted operations, ensuring a seamless and safe workflow.



## Technical Information

**Weight:**

45 kg (approx.)

**Dimensions (H x W x D):**

52 x 48 x (96-120) cm

**Electrical Specification:**

**Rated voltage:** 220 VAC - 50/60 Hz

**Rated current:** 1.1 A

**Power consumption** (operation/standby): 180 / 5 W

**Battery** 12V, Max. Dimensions: 150x65x95mm

**Casing Material:**

Electrostatic paint

**Consumables (Foil Cassette):**

**Material:** PE tubing

**Thickness:** Approx. 25 µm

**Width:** 55 cm

**Length options:** 25 and 40 meters (per foil cassette)

**Color options:** Transparent, yellow and red colors



## Comprehensive Solutions for Sterile Compounding & IV Infusion

- Automated IV Compounding Systems (TPN / ONCO / CIVA)
- Automated Fluid Dispensing Pump
- Pharmacy Operation & Order Entry Software (CPOE)
- IV Workflow Management System (IV-WMS)
- IV Compounding & Infusion Disposables
- Modular Cleanrooms & Accessories
- Biosafety & LAF Cabinets & Waste Sealing System



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