

Chemosmart



The smarter way to manage chemotherapy waste

CHOOSE REUSABLE

Daniels' revolutionary, reusable systems for trace chemotherapy waste set new standards in infection control, environmental effectiveness logistical cost savings, and compliance.

CHEMOSMART KEY FEATURES

- ▶ Wide lid opening
- ▶ No plastic bags or cardboard boxes
- ▶ Leakproof body and lid seal
- ▶ Point-of-use positioning
- ▶ Wheeled or static mounting
- ▶ Foot-pedal operation
- ▶ Optimizes segregation



Reusable and eco-friendly

The clinical appearance, distinct color coding and clear labeling discourages incorrect waste disposal, reducing the potential of disposable premiums for general waste. In addition, workload on environmental services staff is reduced thanks to the compact design, ease of transportability and ability to locate collectors more effectively at point of waste generation. Daniels' reusable systems set a new standard in cost, safety and efficiencies of chemotherapy waste management.



Cost effective

Leading the way in compliance, the Daniels reusable Chemosmart solution is the first containment system in the United States to eliminate the need for plastic bags and cardboard boxes. This efficiency, and the elimination of disposable collectors, dramatically reduces overall cost, landfill burden and environmental impact. The eco-friendly Daniels Washsmart process uses a fully automated robotic washline, recycling water to minimize environmental impact, and achieving an unprecedented level of cleanliness and bacterial load reduction. Clear labeling and easily identifiable design encourages better waste segregation, resulting in fewer collector exchanges.

Can you afford to use another system?

CHEMO WASTE HANDLING

Industry Standard



1 Purchase a disposable chemo container



2 Assemble the disposable chemo container



3 Dispose of the waste into a disposable container



4 When disposable container is full, close and then disposable container is placed in a yellow bag and sealed



5 Assemble a cardboard box



6 Yellow bag is then placed into a cardboard box



7 Cardboard boxes are sealed and taken to storage for pick up and disposal

CHEMO WASTE HANDLING

The Daniels Difference

THREE EASY STEPS

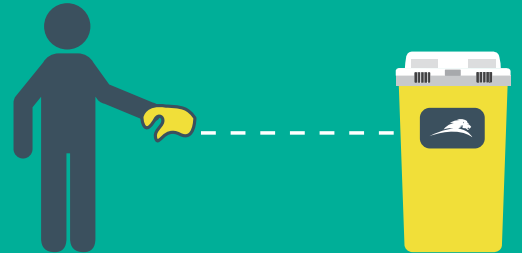
1



Wheel the assembled collector to the point of generation of the chemo waste



2



Dispose of chemo waste into the collector



3



When full, lock the collector and take to storage for pick up and disposal



Chemotherapy Waste Segregation

Chemotherapy wastes are defined by the EPA (Environmental Protection Agency) as a hazardous chemical waste and must be managed as biomedical waste.

Daniels Health offers both trace and bulk chemotherapy waste solutions for your facility. So what's the difference?

TRACE CHEMOTHERAPY WASTE

Vials or other collectors that have less than 3% of the original contents by weight, after removing as much of the chemotherapy medicine as feasible and by normal means. Trace chemotherapy waste typically exhibits reactivity, toxicity, ignitability and corrosivity.

Waste includes:

- ▶ Any empty chemotherapy containers, intravenous bags/ bottles and IV tubing that do not hold either a P-listed chemotherapy medicine or a State-only hazardous waste.
- ▶ All empty bags, drug vials/needles, containers gloves and tubing with chemotherapy medicine remaining from use during chemotherapy infusions.
- ▶ Any PPE, masks, gowns and other materials use during chemotherapy infusions that are not visibly contaminated.

BULK CHEMOTHERAPY WASTE

The term "bulk" chemotherapy is defined as chemo waste that exceeds 3% by volume and is considered a RCRA hazardous waste. Full bags or bottles and P-listed chemotherapy drugs fall under RCRA hazardous waste regulations and must be disposed of as hazardous waste.

Waste includes:

- ▶ Any non-empty containers of chemotherapy medicine, including IV bags, bottles and tubing.
- ▶ Chemotherapy waste that is designated as RCRA hazardous waste or State-only dangerous waste.
- ▶ All containers or IV bags and tubing once containing a P-Listed RCRA material, including Arsenic Trioxide.
- ▶ Any materials used to clean up a chemotherapy spill.

State and federal regulations mandate that chemotherapeutic waste must be processed by incineration treatment only and that **approved collectors and liners** be utilized for disposal and transport.



ADDITIONAL OPTIONS



Variable mounting options

The Accesssmart trolley provides easily mobility and can be fitted with a bracket enabling side mounting of a Sharpsmart reusable sharps collector.

Additional mounting options include: glove dispenser frame, hand sanitizer holder, garbage bag holder, medication tray and frame, and multi purpose utility hooks.



Bulk chemotherapy service

RCRA waste requires specialized containment to ensure correct disposal. A number of chemotherapy drugs are regulated as a hazardous chemical waste. These include but are not limited to: Diethylstilbestrol, Chlorambucil, Streptozotocin, Cyclophosphamide, Uracil mustard, Melphalan, Daunomycin and Mitomycin C.

Our local experts will work with you to identify placement and locations, and determine quantities and sizes of collectors required by your organization. In our waste mapping process, we ensure all compliance, collection, transport and efficiency of waste movement within your facility is optimized.



Foot-operated floor stand

Enables foot operation to open and close lid. Wheeled version of floor stand allows it to be moved for optimum placement.

CHEMO PRODUCTS



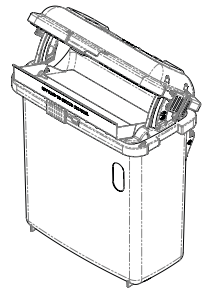
CT22 Sharpsmart

Born out of five years of research, the thirteen safety-engineered features of the CT22 make it the safest chemotherapy sharps collection unit in the United States. Designed with in-built tamper-proof locks which, when engaged, can only be released at a Daniels processing facility, the CT22 eliminates the risks associated with other chemotherapy collectors. With a restricted-access design, leakproof seal and enhanced mobility, the CT22 Sharpsmart provides the safest and most efficient solution for isolating and securing chemotherapy sharps waste in an oncology setting.

The CT22 is designed for ultimate versatility, its content-concealing safety tray restricts visibility of contents and hand access to chemotherapy sharps contained within, and the inbuilt locking mechanisms of the collectors ensure patient safety if accessible in a public area. Understanding the varying healthcare, patient and infusion environments in which the collector may be deployed, Daniels have designed a range of lockable brackets and trolleys to navigate mounting and movement in a medical facility.

Ideally suited for oncology environments and infusion bays for point-of-use sharps disposal.

SIZE ▶ **HEIGHT:** 17.6"
WIDTH: 15.7"
DEPTH: 8.3"
FILL CAPACITY: 3.8 Gallons
TOTAL CAPACITY: 5.8 Gallons



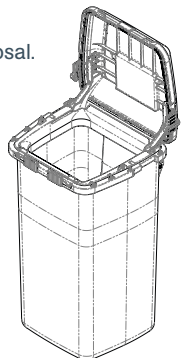
CT64 Chemosmart

Designed for the safe disposal of trace chemotherapy waste, the CT64 Chemosmart presents a revolutionary new way of isolating and securing trace chemotherapy waste in an oncology setting. Engineered with the same inbuilt locking features of the CT22 Sharpsmart collector, the CT64 Chemosmart solves containment, transport and disposal risks, and its accessible wide access geometry opening gives it enhanced versatility for volumetric waste.

With accessories designed to minimize odor expulsion, enable point-of-use accessibility and create efficient and seamless placement and movement within patient environments, the system ensures the safety of staff and patients in the safe disposal of all chemotherapy drug contaminated items.

Ideally suited for oncology environments, infusion bays and dirty utility rooms for trace chemotherapy waste disposal.

SIZE ▶ **HEIGHT:** 28.6"
WIDTH: 15.7"
DEPTH: 13.9"
FILL CAPACITY: 12.4 Gallons
TOTAL CAPACITY: 16.9 Gallons



Chemosmart Accessories

There are numerous accessory options available for the Daniels Chemotherapy collector range – all designed to improve your waste movement and efficiencies.

POSITION & MOVEMENT

Soft-Close Accessmart Trolley (with foot pedal)

With clean aesthetics, easy maneuverability, foot-pedal operation and a soft-close lid mechanism to reduce odor expulsion, the Soft-Close Accessmart Trolley is the smartest hands-free mobile solution for the CT64 Chemosmart.

Dimensions: H 36.3" x W 19.7" x D 18.8"

Order Code: 6006500000



Accessmart Mount Bracket

Designed to mount an S-Series sharps collector to the side of an Accessmart, this bracket can be positioned on either side of the trolley. Mounting screws supplied.

Dimensions: H 4.6" x W 10.2" x D 1.2"

Order Code: 4001916000



Static Floorstand (with foot pedal)

The Static Floorstand keeps the CT64 Chemosmart elevated off the ground in a fixed position. Hands-free operation is enabled via the foot pedal.

Dimensions: H 30.8" x W 16.4" x D 18.8"

Order Code: 5811000000



Dynamic Floorstand Kit

Wheel and Handle

Order Code: 5810906000

64 Series Floorstand (without foot pedal)

Designed for static use, the 64 Series floorstand is compatible with both the CT22 and CT64 collectors to optimize placement whilst elevating collectors off the ground.

Dimensions: H 25.3" x W 12" x D 14.6"

Order Code: 6424007000



Cartsmart 1 Trolley (without foot pedal)

Designed to optimize movement of the CT22 Sharpsmart collector within patient environments, the Cartsmart trolley is adjustable in height to suit multiple sized collectors and accommodate height-restrictive spaces.

Dimensions: H 32.9" x W 17.1" x D 17"

Order Code: 6000100000



BULK DELIVERY

Small Internal Delivery Cart

The Small Internal Delivery cart is ideal for transporting up to 6 Chemosmart collectors (3 on each side) and 5 Sharpsmart collectors between your loading dock and clinical areas.

Dimensions: H 56.9" x W 56" x D 34.25"

Order Code: 6002400000

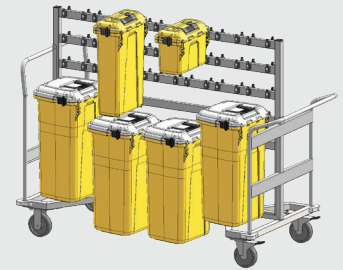


Large Internal Delivery Cart

The Large Internal Delivery cart is ideal for transporting up to 8 Chemosmart collectors (4 on each side) and 14 Sharpsmart collectors between your loading dock and clinical areas.

Dimensions: H 54.5" x W 74" x D 34.3"

Order Code: 6001900000



Optimized Waste Segregation

The Daniels point-of-use Accessmart trolley enables the effective segregation of both soft and sharp chemotherapy waste. With hands free operation and easy manoeuvrability, the Accessmart enables the Chemosmart to be positioned in optimum use areas, whilst ensuring all sharps are safely disposed of at the point of care.





Daniels Overview



30 years of healthcare waste experience



Now operating in 6 countries



With 50 plants & transfer stations



Serving 20,000+ customers



At 40,000+ service locations



By 230+ Daniels trucks

EACH YEAR

4.6 Million

collectors processed on robotic washlines



Diverting

2,000+

tons of plastic from landfill



Preventing an estimated

4,000+

needlestick injuries



We exist to make healthcare safer

WWW.DANIELSHEALTH.COM