

**stryker**

**Neptune 3  
Waste Management System**

**Containing  
risks.**  
Creating  
confidence.

Fluid waste management  
beyond the O.R.



# Less hassles. More protection.

**Keeping your patients safe is your priority – and helping to keep you safe is ours.** That's exactly why we're committed to helping protect healthcare professionals everywhere reduce their exposure to potential biohazards through enhanced protection. Our Neptune 3 Waste Management System does precisely that, and so much more.

As a staple in hospital O.R.s across the country, the Neptune System's use extends into other areas in which fluid waste or surgical smoke is collected. Our patented SealShut Technology provides three layers of protection to lock away suctioned biohazards. With virtually no physical touch points, no lids to handle, no hoses to insert and no canisters to dump – the Neptune System is a simple way to safeguard your team.

## Enhances safety

- Reduces exposure to biohazardous fluid during and after cases
- Automates previously manual tasks; no lids to apply, no hoses to insert, no solidifiers to add, and no canisters to dump
- Locks away suctioned fluids for a constantly closed mobile system during cases, manifold change, docking and transport
- No open access points to internal canister (only accessible by trained service technicians with disassembly tools)
- New/used manifold indicator helps prevent accidental reuse or unnecessary disposal
- Automatic hands-free docking, emptying and internal power wash
- Closed system helps reduce splashes and spills
- When the smoke evacuator is in use, 99.999% efficient at capturing submicron smoke particulates that can spread infectious diseases

## Increases efficiency and productivity

- No "day before" canister prep and storage
- Easier and less time intensive fluid collection
- Hands-free disposal method
- Patient-to-patient use via simple manifold change and Volume Reset button
- Digital measurement and display of fluid collection; Automated early warning when nearing fluid capacity
- Faster room turnover, with the opportunity for more cases per day
- 24-liter capacity; potential to empty just once daily



“On our busiest day, we’ve done 25 cases and the Neptune System still didn’t fill up – so it holds plenty of waste.”

GI supervisor<sup>4</sup>



## Optimizes performance

- Consistently reliable suction; no fluctuation/disruption in suction level
- Customized control; you determine the suction level and change as desired
- Broad suction range (50-520 mmHg)

## Neutralizes costs

- Manifold purchase offset by reduced canisters, solidifiers, tubing and red bag waste disposal expense
- Speeds turnover time, potentially enabling more cases per day
- Smoke evacuation comes standard, no need for separate capital budget
- Comprehensive solution – provides procedural fluid suction, floor fluid management, smoke evacuation, I.V. pole and also supports organizational safety and sustainability goals

## Improves experiences

- HEPA filter helps absorb unpleasant smells
- Reduces visibility to unsightly canister contents and the alarm it can cause patients
- No need for staff to make improvised canister covers or “curtains”
- Greater peace of mind due to a greater sense of protection
- More time and focus for core tasks and patients

**90% overall staff satisfaction**  
compared to 60% among canister users<sup>1</sup>

**Up to 3.5x more efficient**  
in room setup, handling and maintenance compared to an open system<sup>1</sup>

**94% less suction system waste weight**  
transported to landfill, given equal collection of fluid levels<sup>2</sup>

**0 splashing, spilling or exposure**  
observed when closed system was in use<sup>3</sup>

## Easy. Efficient. Effective.

The Neptune System's footprint is similar to that of a canister tree, but its clinical utility is far greater. It helps fulfill your needs on multiple fronts, such as:

- Procedural fluid suction
- Floor fluid management
- Smoke evacuation
- Powered I.V. pole
- Support of safety and sustainability goals

**24" W x 34" H x 24" D**  
(dimensions with canisters in place)



**19" W x 70" H x 23" D**  
(I.V. pole at minimum height)



## Quick trap specimen collector

Our optional quick trap specimen collector seamlessly captures fluid and tissue specimens without the need to disconnect suction lines to enhance both your efficiency and your protection.

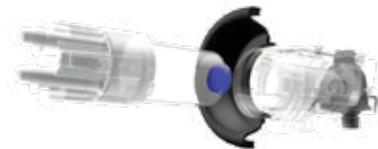


## Exclusive SealShut Technology A better way to reduce exposure – case closed

Our SealShut Technology provides three layers of security to keep suctioned biohazards locked away, making your protection as fail safe and effortless as possible during cases, transport and even docking.



Backflow prevention valves



Drip reduction valve



Inlet cover seal

## Safeguarding your interests

We hope you'll explore how the Neptune System can enhance the safety, simplicity and efficiency of your daily routines. To schedule a product presentation or trial, please call your Surgical sales representative who is happy to help. Your representative can also work side by side with you to facilitate smooth product training and implementation.

### Learn more

For more information about the Neptune System visit [neptunewastemanagement.com](http://neptunewastemanagement.com) or call **800 253 3210**.

Part number	Product description
0703-001-000	Neptune 3 Rover
0702-014-000	Docking station
0702-020-000	Standard 4-port manifold (20/pkg)
0702-025-000	Single-port manifold (20/pkg)
0702-020-001	Specimen collection 4-port manifold (20/pkg)
0702-034-000	Fluid suction HEPA filter
0702-040-000	Smoke evacuator ULPA filter
0702-045-023	3/8" smoke evacuation tubing
0700-026-000	7/8" x 10' smoke evacuation tubing with wand
0700-001-026	Neptune docking station detergent
0700-050-000	Quick trap specimen collector
0700-528-020	Tubing adapter 10mm x 22mm

“Emptying it at the end of the day is simple, just push it in the docker, screen turns on, and pick your wash cycle – or just walk away and it picks for you”

GI supervisor<sup>4</sup>

1. Horn, Martlie et al. “Traditional canister-based open waste management system versus closed system: hazardous exposure prevention and operating theatre staff satisfaction.” *Journal of Perioperative Nursing in Australia*. 28:1 (Autumn 2015):18-22.; 2. Berthiaume, Dawn et al. “Environmental Excellence Award Nomination for Reduction in Biohazardous Waste Generation.” Department of Veterans Affairs, VA San Diego Healthcare System. (2007).; 3. North Suburban Medical Center. “Fluid Management in the OR.” *Practice Greenhealth*. (2011):1-4. Print. 4. Stryker data on file.

## Surgical

This document is intended solely for the use of healthcare professionals. A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. We do not dispense medical advice and recommend that surgeons be trained in the use of any particular product before using it in surgery.

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