stryker

Neptune[®] 3
Waste Management System

Moving surgical suction forward



Your needs matter

If you could design a surgical suction device to evacuate hazardous fluid and smoke, what would it look like? Our customers told us, we listened, and we are proud to introduce Neptune 3 Waste Management System. Five years of research and development went into Neptune 3, a multi-tasking device that places focus where it belongs: on safety and efficiency. Take a look at the following features and we think you will agree: Neptune 3 is moving surgical suction forward.

Hush vacuum pump

The name of our new Hush vacuum pump says it all: a quieter fluid suction system. Producing a noise level of just 4.3 sones, Neptune 3 is 47% quieter than Neptune 2.1

How does 4.3 sones sound?²

Neptune 3 4.3 sones

Household ventilating fan²

7 sones

Neptune 2 rover¹

8.3 sones

Typical patient room - peaks²

24 sones

Multiple suction range indicators

- → 7" top display
- → Main 8.4" LCD display
- High suction audio alerts
- Manifold suction range indicator







Integrated smoke evacuator

- Standard equipment; 80-hour ULPA filter sold separately
- → 10 speed settings
- · Auto mode detects surgical smoke and adjusts flow
- Operates on separate pump



8 lines of suction

Two independently controlled suction settings utilizing suction range of 50-520 mm-Hg.

Dual canisters

- 4L lighted canister
- Ability to empty 4L canister into 20L canister three times before docking
- Electronic overfill protection with mechanical backup





Standard equipment; holds four 3000cc bags on "ram's horn" hooks.

Control dials

Tactile feedback knobs control suction limit resulting in on-screen numeric and lowmedium-high suction indicators.

SealShut Technology 🛟



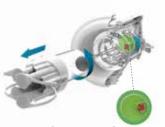
SealShut Technology locks away suctioned biohazards.



Backflow prevention valves



Drip reduction valve

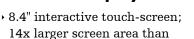


Inlet cover seal

Manifold holster

Convenient storage for new manifolds.

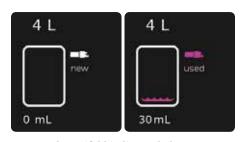
Main LCD display



- Neptune 2 • Full-color touch screen interface
- simplifies viewing and navigation
- · Interactive screens guide servicing and troubleshooting



A typical in-use screen shows the menu that provides suction start/stop plus data such as suction range, actual mm-Hg, suction limits, canister volume with reset and total canister volume



New/used manifold indicator helps to prevent accidental manifold re-use; informs user of manifold new/used status



The built-in smoke evacuator automatically detects surgical site smoke and adjusts flow when auto mode is selected.





Reaching further

We know your satisfaction requires more than just a great product. It also involves our ability to help support your broader organizational goals.

A safe and smooth running O.R.

- Constantly closed mobile system protects the O.R. staff from exposure to suctioned biohazardous fluids
- Permits patient-to-patient use requiring only a manifold change
- Helps optimize O.R. turnover time, scheduling and volume³
- Quieter fluid suction system compared to Neptune 21

Hands-free docking and self cleaning



- Internal rotating power washers provide added cleaning power
- Seamless integration;
 backwards compatible with
 Neptune 2 manifolds, filters
 and docking station



• Electromagnetic couplers automatically engage limiting physical touch points. No lids to handle, no hoses to insert, no canisters to dump.

For more information or to schedule a product trial, please contact your Surgical sales representative or call 800 253 3210. For CE classes related to hazardous waste, visit www.strykerlearn.com and www.neptunewastemanagement.com

- Stryker Instruments engineering data and Neptune Waste Management System specifications on file. April, 2016. Kalamazoo, MI.
- 2. Weinger, Matthew, et al. "Handbook of Human Factors in Medical Device Design." CRC Press, 2011. Print.
- 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.

Increase staff efficiencies

Open waste management systems require nearly 3.5 times as much staff time for set-up, maintenance during procedures, and post-procedure waste disposal.³

ProCare Service

We're standing by with service, support and solutions to ensure your Neptune 3 Waste Management System operates at peak performance. Contact your ProCare representative to learn more. 888 311 4521

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