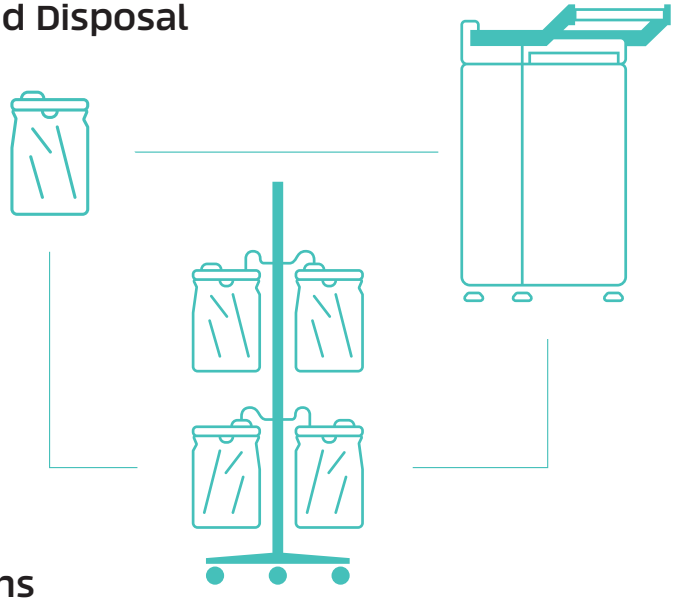
Serres Integrated Solutions

As a forward-thinking pioneer of fluid management solutions, Serres is constantly innovating to remain on the cutting edge of the healthcare industry. The integration of our suction bags and fluid waste disposal solutions create an unrivaled closed system that supports the entire fluid management process from start to finish.

A Better Workflow for Fluid Collection and Disposal

Utilizing a suction bag as a canister liner that captures the medical fluid waste, rather than dispense fluid directly into the canister, can dramatically simplify the disassembly process post-surgical procedure. Staff can simply remove the plugged suction bag that lines the canister to prepare for disposal.

Next, the sealed suction bag is transported to the decontamination room and placed into the Serres Nemo. At the end of an automated 20 second cycle, the emptied and flushed suction bag is removed and can be disposed of in accordance with healthcare facility-specific instructions.



Key Benefits of Serres Integrated Solutions

Safety & Hygiene

- Decreased risk of infection for patients and staff.
- Closed system reduces spills and mess.
- Safer practices drive higher staff satisfaction.

Efficiency

- Serres Nemo speeds up fluid disposal with a short 20 second emptying cycle.
- No need to dismantle the entire system after every use.
- Faster OR turnover by eliminating the need for canister removal after surgery, leaving the system intact and ready for the next procedure.

Cost

- With Serres Nemo, you can achieve up to 90% cost savings compared to a high volume system for every case.
- Eliminates the need to dispose filled canisters as red bag waste, which can be 10-15x more expensive than regular waste disposal.

Sustainability

- Serres Suction Bags use much less plastics compared to other solutions on the market.
- Less plastics means lighter products creating space and cost savings in transportation, storage and disposal.
- With Serres, hospitals can reduce the amount of red bag waste. Less waste on the road means lower CO2 emissions from transportation and incineration.

Serres Integrated Solutions

Rely on the essential in fluid collection

The most successful healthcare facilities allow their clinicians to work safely and efficiently by implementing a fluid collection solution that minimizes equipment distractions and product failures. When a suction canister fails during or after a medical procedure, it can expose patients and staff to harmful pathogens and result in expensive clean-up and maintenance costs.

Supporting over 40,000 surgeries a day, the Serres Suction System has been developed to provide safe and reliable suction in all operations and areas of the healthcare facility. Proven reliability means that less than one in a million bags fail – protecting your staff from infection and your facility from lost revenue.

In collaboration with clinical leaders, the Serres Suction System was designed to be simple and straightforward for staff to use. With the introduction of the new Serres Nemo, the pathway from fluid collection to disposal has never been safer or easier for staff. That's how we create one less thing for staff to worry about, and help them deliver the care their patients' need.

Serres Suction Bag System

Serres Nemo

Creating value disposal-by-disposal

For medical fluid waste disposal, Serres Nemo provides cost benefits with every emptied bag. The disposal equipment allows you to empty the suction bag's content directly into the sewer in a quick and easy way. Waste disposal costs only apply to the empty suction bags rather than filled canisters or high volume system manifolds, resulting in up to 90% cost savings.

From a hygiene standpoint, Serres Nemo provides an unparalleled solution for fluid waste disposal. By removing the need to ever open a canister or suction bag, the Serres Nemo protects patients and staff from airborne infection. Safe and easy disposal minimizes the risk of contamination and cleans up the entire process.

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6 Reasons for choosing the Serres Suction Bag System

✓ Decreased risks of infection for the patients & the OR staff

We have developed a closed system that prevents leakages and spillages from occurring, even in situations where the bags would be accidentally dropped on the floor.

Suction bags with backflow valve enable more hygienic procedures as the valve prevents liquid spillage from the patient port before it is plugged.

Pre-gelled suction bags ensure an easy and safe handling and transportation of solidified fluid waste.

Hydrophobic filters serve as a combined bacterial filter and overflow protection, which reliably protects the central vacuum system from contamination.

2.

1.

✓ Proven durability

Making sure that our suction bags deliver the best results is one of our top priorities. The Serres suction bags are made of thin yet strong polyethylene film that stretches and doesn't burst.

The Serres Suction Bags offer reliable quality that we have honed over 45 years in our factories in Kauhajoki and Saarijärvi, Finland. We follow diligent quality control, ensuring a failure rate of only one in a million.

6 Reasons for choosing the Serres Suction Bag System

3.

✓ User friendliness

The serial connection allows you to expand the suction capacity up to 36 liters, the largest volume in the market.

The solidifier, packed in soluble pouches, is pre-inserted in the bag so you can start the operation immediately.

The vacuum source is connected to the angle connector of the canister. Once installed, there is no need to manipulate the vacuum tube or the connector between operations.

✓ Minimized risks of errors

Some complications that patients experience are due to mistakes during surgical procedures.

To help you ensure patient safety in the OR, we've incorporated a patented single connection system that makes mistakes virtually impossible.

The error-free connection is easy to learn and use, and it minimizes risks of error or accident related to surgical suction. Just connect the patient tubing and the bag is ready for use.

4.

6 Reasons for choosing the Serres Suction Bag System

✓ Cost savings

Fewer references are needed in the hospital with the Serres suction bag system. Indeed, the same suction bag can be used regardless of the installation type or accessories used. This eases stock management and reduces procurement workload.

Furthermore, our suction bags contain 58% less plastics than other solutions in the market. As a result, you can save up to 88% of the space you have in your storage rooms all while reducing your transport costs related to disposable medical equipment.

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5.

✓ No DEHP and a lower carbon footprint

The Serres suction bags system is DEHP-free, which allows you to protect your patients from any health risks related to exposure to this phthalate.

What's more, Serres helps hospitals decrease their environmental footprint through smart design, manufacturing, transportation, storage and disposal.

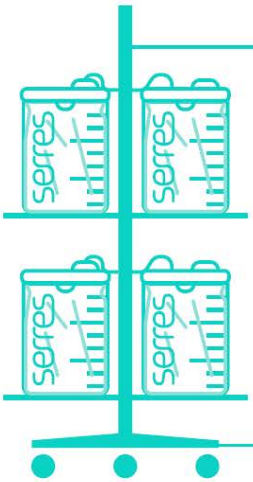
Less plastics means lighter products creating space and cost savings in transportation, storage and disposal. Serres is an ISO 14 001-certified manufacturer.

Fluid collection with the Serres Suction Bag System

The modernization of fluid waste collection and disposal has led to the introduction of suction bags which serve as canister liners. This revolutionizes the traditional canister set-up, as the suction bags are the only part that touches the fluid, allowing the canister to be installed and connected to the vacuum line without requiring to be removed after each surgery.

A serial connection system allows the suction capacity to be expanded up to 36 liters. While this setup is best for low and medium volume cases, it can be expanded for larger volume cases as well.

Serres suction bags ensure a smoother and more efficient workflow. At the end of the procedure, staff can simply remove the plugged suction bag that lines the canister to prepare for disposal instead of dismantling the entire canister set-up.



Serres System

- Fast setup
- Low cost per case
- One connection port reduces risk of misconnection
- Closed system prevents airborne infection exposure
- Lighter disposables
- PVC free
- Uses less plastic

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