



Product catalogue

SUSTAINABLE MEDICAL FLUID MANAGEMENT SOLUTIONS

serres



Serres in brief

Serres is a progressive leader in developing smart and sustainable medical fluid management solutions. Our suction and waste disposal solutions are used daily in more than 70 000 operations globally. We share our customers' passion for patient care.

Healthcare professionals' and patients' safety is our priority and we support their work with unmatched quality products that provide confidence in the toughest conditions and situations where there is no room for failure.

We invest in sustainable growth and design and are committed to ambitiously developing solutions for tomorrow's challenges.

We are your reliable partner through our global distributor network

- Customer satisfaction 94%
- Delivery reliability 97%
- Headquarters, manufacturing, and product development in Finland
- More than 50 markets through our strategic partners representing
- Local healthcare and market knowledge
- More than 70 000 operations a day

- **Reliability**
- **Efficiency**
- **Sustainability**

Contributing to more sustainable healthcare

We invest in sustainable growth and design. We promote sustainable development in all our operations, but we believe that the most impactful approach for us is contributing towards sustainable healthcare through our products. Therefore, in our sustainability efforts we prioritize reducing our products' effect on the climate.

To fully understand the environmental impact of our products and find new ways to reduce it, we have conducted carbon footprint calculations on our 2-liter suction bag. The calculations* have been done with cradle to grave approach.

For more information about Serres sustainability go to Serres.com/sustainability

*Calculations have been made from Europe (our manufacturing site) to Europe as well as Europe to USA.

The carbon footprint of a Serres Suction bag

The footprint calculation of the 2-liter Serres Suction bag was conducted for both an emptied and a full suction bag. The cradle-to-grave approach* was applied to the footprint calculation. The product is designed and manufactured in Kauhajoki Finland and in the referred calculation the bag is used in Rotterdam hospital. The disposal phase includes incineration with energy recovery.

Serres Nemo device was used to empty the suction bag. The Nemo flushes the suction bag and empties its content to a sewer in an automatic and hygienic manner. As a result, only the emptied suction bag needs to be incinerated.

The carbon footprint of a full suction bag is 0.55 kg CO₂e and the emptied suction bag 0.20 kg CO₂e.

Using Nemo lowers the CO₂e up to 64% from the total footprint and up to 97% from the incineration phase*.



* Carbon footprint of a 2l Suction bag, Netherlands report by Serres and PwC, April 2023.



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Serres Suction bag system

Our customers operate in complex and highly demanding environments where flawless patient fluid suction and the highest possible protection against contamination are required. That is why Serres Suction bags and Serres Nemo are designed to work together as a closed-loop system that eliminates contact with collected blood and fluids.

The system consists of disposable exceptionally light and durable suction bags, robust autoclavable canisters, and a wide range of accessories to further improve hygiene, and work efficiency and bring flexibility needed in various types of procedures.

Our suction bag fluid disposal device, Serres Nemo generates significant cost and CO₂e savings while providing an automatic and hygienic way to dispose of a full suction bag.

Our products are used in operating rooms, intensive care, emergency rooms, ambulances, and in normal wards. They provide confidence in life-supporting procedures; during airway opening in resuscitation and in anesthesia.

Serres suction bags are made of thin, yet strong polyethylene film and consist of much less plastic than comparable products.

Reliable

Closed system eliminates contact to hazardous spills. Unmatched quality; for every million success only 1 failure.

Sustainable

Exceptionally light and compact bags, less storage space and less material to dispose.

Easy

Intuitive set-ups, easy to use, co-designed with healthcare professionals.

Serres Suction bags

Serres Suction bags are one of the lightest suction bags on the market. They have an unmatched quality as for every million successes there is only 1 failure. Due to the exceptionally sustainable design, we can pack 4 times more bags in a box. To ensure ease of use, we have designed the bag for versatile use, the same bag has been designed to be used in multiple types of procedures. Due to the bag multifunctionality, fewer products and less hassle in inventory is needed. The smart design also results in tangible cost savings from logistics, disposal, and storage.

Our versatile portfolio offers standard bags that come in 1000cc, 2000cc, and 3000cc. We offer single-packed bags, pre-gelled, folded bags, dual filter bags for operations where smoke is generated, and bags with patient tubes.



Standard Serres Suction bags

Created to support safety and hygiene, the standard Serres suction bags are ideal for basic everyday use.

Product name

Suction bag 1000 cc



Suction bag
1000 cc
570157

Folded Serres Suction bags

Our folded suction bags are the easiest and most convenient bags on the market to install.

Product name

Suction bag 2000 cc (folded)

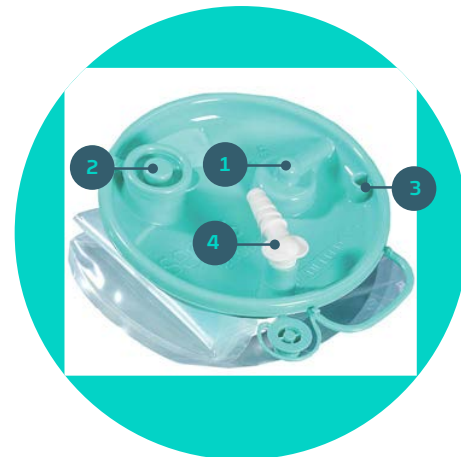
Suction bag 3000 cc (folded)



Suction bag 2000 cc
(folded)
570167-0

Serres Suction bag cover

- 1 Hydrophobic filter for bacterial filtering and overflow protection. The filter closes suction automatically when it comes in contact with fluids.
- 2 Serial port for large procedures, enables suction capacity of up to 9.5 gallons (36 liters).
- 3 Measuring cup attachment point.
- 4 Patented Single Connection patient tube connector. One connection, ready to go.



Serres Suction bags with backflow valve

The backflow valve helps prevent spills in case of overfilling or if the patient port is left open.

Product name
Suction bag 1000 cc, backflow valve
Suction bag 2000 cc, backflow valve
Suction bag 3000 cc, backflow valve



Suction bag 2000 cc,
backflow valve
570167-3

Single packed Serres Suction bags

Single-packed suction bags are ideal when the consumption of suction bags is minimal.

Product name
Suction bag 1000 cc (single packed)
Suction bag 2000 cc (single packed)
Suction bag 3000 cc (single packed)



Suction bag 2000 cc
(single packed)
570167-2

Serres Suction bag with dual filter

Used in operations where smoke is generated. If an excessive amount of aerosol or smoke is suctioned, the extra filter prevents premature blockage of the overflow filter.

Product name
Dual filter suction bag 2000 cc
Dual filter suction bag 3000 cc



Dual filter suction
bag 2000 cc
570167-5

Pre-gelled Serres Suction bags and Solidifying agent

Solidifying agent ensures safe fluid waste handling

Product name
Pre-gelled bag 1000 cc
Pre-gelled bag 2000 cc (folded)
Pre-gelled bag 3000 cc (folded)
Solidifying agent 0.9oz (25 g)
Solidifying agent tub 4.4lbs (2 kg)



Pre-gelled bag
1000 cc
570557



Solidifying
agent 0.9 oz (25 g)
570550



Solidifying
agent tub
4.4lbs (2 kg)
570553

* Pouches are packed in plastic bag of 20/24 pcs. The total number of pouches in a storage box is 200/288 pcs

Serres Suction canisters

Serres robust and reusable Serres Suction canisters are autoclavable and need replacement very rarely. Canisters are equipped with built-in brackets for mounting walls, rail supports, or trolleys. Also, our canisters include reusable angle connectors for vacuum tubing. This simplifies liner exchange by eliminating the need for vacuum tube reconnecting.

Standard canisters come in 1000 cc, 2000 cc, and 3000 cc sizes.



Reusable Suction canisters

- 1 Angle connector for the vacuum line, once it's installed there is no need to touch the vacuum tube or connector between operations.
- 2 Wide measuring scale is easy to read.
- 3 Robust structure and resistant material allow for effective cleaning, including autoclaving.

Serres Suction canisters, transparent

Transparent canister with wide scale allow for a clear view of suctioned liquid.

Product name

Suction canister 1000 cc

Suction canister 2000 cc

Suction canister 3000 cc



Suction canister
2000 cc
570328

Serres Suction canisters, blue

Blue canisters are designed for sensitive circumstances to ensure comfort of patients and families.

Product name

Suction canister blue 1000 cc

Suction canister blue 2000 cc



Suction canister
blue 2000 cc
570329

Valves and connectors for Serres canisters

- Serres valve can be used to guide vacuum through the smoke filter when smoke is produced during long operations.
- On-off valve can be used to flexibly take reserve suction capacity into use during operation as needed.
- T-connector is used in serial connections and can replace the Serres valve when the smoke filter is used.
- The reusable Angle connector is available as a spare part if needed.

Product name

Serres valve

On-Off valve

T-connector

Angle connector



Serres valve
570958



On-Off valve
570959



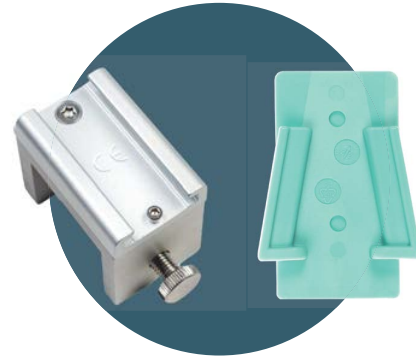
T-connector
570610



Angle connector
570618

Serres Suction canister brackets and adapters

Serres Suction system includes a wide range of accessories. All accessories are designed with practicality, functionality and ease of use in mind.



Brackets

Serres brackets are designed to hold Suction canisters in all possible situations: wall, rail, table and bed. Rail bracket with quick connection can be installed without any tools. Plastic brackets (except 570815) can be washed in a washing machine even at 203°F (95°C).

Product name
Rail bracket, plastic
Rail bracket, aluminium
Wall bracket, plastic
Wall bracket, aluminium
Wall bracket, wide, plastic
Table bracket
Table stand 1000 cc
Table stand 2000 cc
Bed bracket



Rail bracket, plastic
570815



Rail bracket, aluminium
570818



Wall bracket, plastic
570820



Wall bracket, aluminium
570817



Wall bracket, wide,
plastic 570814



Table bracket
570825



Table stand 1000 cc
570835



Table stand 2000 cc
570836



Bed bracket
570830

Adapters

Serres canisters can be installed with adapters to most of 3rd-party wall brackets. Adapters are ideal for hospitals that want to avoid extra mounting work.

Product name
C-adapter
A-adapter



C-adapter
570822



A-adapter
570823

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Scalable

Same bag for single use or serial connection. Capacity up to 9.5 gallons (36 liters). All bags are compatible for single use or serial connection.

Easy

When the bag is full the system will automatically start the flow into the next bag without any hassle or intervention.

Dynamic

serres Trolley can easily be transported to the operating room and is ready-to use in just a few minutes.



Large volume solutions

Serres Suction system is designed for scalable and dynamic fluid collection. Serres Suction bags are easily connected in a serial chain that can be connected up to 6 canisters.

Serres Trolley holds up to 12 canisters and due to its extremely compact design, it fits into tight spaces. Automation and usability have been in focus when designing the Trolley. When the suction bag is full no intervention is needed, and the second bag starts to fill up without any user intervention.

For maximum capacity, canisters can be set into 2 layers. The compact 1-layer trolley can be placed under a bed, if necessary to optimize space in the operating room.



Trolleys

- The high trolley is supplied with a holder for 6 canisters.
- Holder for additional 6 canisters can be installed if more volume is needed.
- Extra space for 2 additional devices such as regulator, ejector, or vacuum shift on top of the trolley bar.
- Vacuum shift to change from one serial connection line to another e.g. from high trolley top level to low level.
- Control valve to take individual suction bags into use with speed and minimum effort.

Product name

High trolley 47" (120 cm)

Low trolley 21" (55 cm)

* High trolley comes with a wheel brake



High trolley
47" (120 cm)
570940

Trolley accessories, spare parts and vacuum shift

The capacity of the trolley can be expanded significantly with an additional canister holder. With control valve suction bags can be taken into use individually. Vacuum shift is designed to change vacuum from one suction bag system to another. It can be used also in serial connection.



Canister holder
570941



Control valve
570942



Vacuum shift, plastic
570955

Product name
Canister holder
Control valve
Control valve Plug
vacuum shift, plastic

Serial connection for large volumes

Product name
Serial tubing
Vacuum tubing, silicone
Vacuum tube roll, silicone 16ft (5 m)



Serial tubing
570918



Vacuum tubing, silicone
570908

* The grey connectors are reusable



Accessories for Serres suction system

All accessories are compatible with Serres Suction bags and are easy and fast to connect.

- **Collection cup** is designed for collecting particles from the suctioned liquid.
- **Measuring cup** for accurate measuring of small liquid volumes.
- **Splash-vac** is ideal for removing large amount of liquids from the floor conveniently.
- **Smoke filter** prevents premature filter blockage by smoke.
- **Vacuum source protector** prevents the contamination of the hospital's central vacuum system and suction pump in case of an unpredictable failure of the fluid collection system.



Product name

Collection cup 300 cc

Measuring cup 250 cc

Splash-VAC + 9.8ft (3 m) suction tube

Smoke filter

Vacuum source protector

Twin connector

Straight connector



Collection cup 300 cc
570247



Measuring cup 250 cc
570257



Splash-VAC + 9.8ft
(3 m) suction tube
570270



Smoke
filter
570710



Vacuum
source protector
6006552



Twin connector
570620



Straight connector
570621

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Cost effective

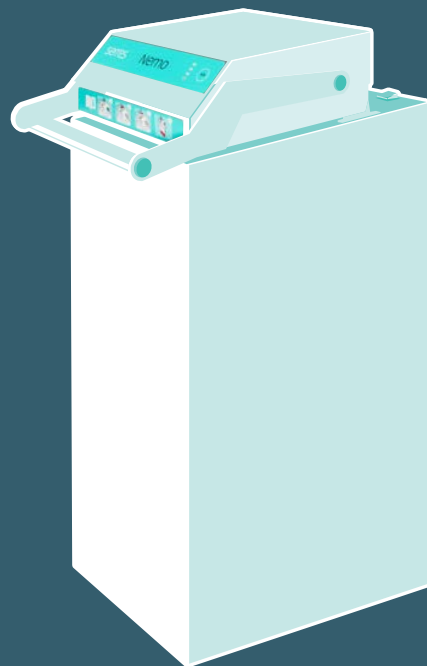
Up to 97% cost savings from waste management.

Sustainable

Up to 97% savings in CO₂e emissions due to reduced amount of waste.

Safe

Improved occupational safety and minimised risk of contamination.



Serres Nemo

Serres Nemo, a fluid disposal device, secures the emptying of the Serres suction bag in a hygienic manner while significantly reducing the amount of waste generated in the process. Due to an efficient collection and disposal of the suction bag healthcare providers can gain up to 97% cost savings from waste handling and reduce 97% CO₂e emissions released during the waste incineration.

Serres Nemo is designed for on-site waste disposal. Instead of the practice of manually emptying full suction bags into the sewer, it flushes the suction bag content into the sewer in just 15 seconds.



Serres Nemo specs

Product name	Serres Nemo
Intended use	Emptying Serres 2000cc and 3000cc standard suction bags
Connections	Cold water FHT ¾" Sewer 1,5" male push-fit (bend) built-in drain trap. Electricity: 120V / 60 Hz Power plug, NEMA 5-15P
Material	Stainless steel, plastic
Dimensions	Height Max. 41.7" Width 13" Depth Max. 35.4"
Weight	Approx. 133 lb
Water consumption	1.8 gallons per cycle

Serres washing tray

Reliable and hygienic cleaning of the Serres Nemo suction bag emptying device.

The Serres washing tray contains an enzyme-based detergent that has been designed for demanding professional use in the healthcare sector.

The washing tray should be used daily to ensure maximum hygiene for the Nemo user.



Serres Suction bag selection guide



Product no.	Standard	Folded	Pre-gelled	Single packed	Backflow valve	Dual filter	Packing size (pcs)
1000cc							
570157	●						216 (36x6)
570557			●				192 (32x6)
570157-2				●			192**
570157-3					●		216 (36x6)
2000cc							
570167-0		●					144 (24x6)
570567-0		●	●				132 (22x6)
570167-2		●		●			126**
570167-3		●			●		144 (24x6)
570167-5		●				●	144 (24x6)
3000cc							
570187-0		●					144 (24x6)
570587-0		●	●				120 (20x6)
570187-2		●		●			126**
570187-3		●			●		144 (24x6)
570187-5		●				●	144 (24x6)

** Products are not packed in dispenser boxes but in a larger transport box.

Serres canisters

Product no.	Product name	Packing size (pcs)
570308	Suction canister 1000 cc	45
570328	Suction canister 2000 cc	24
570348	Suction canister 3000 cc	16
570309	Suction canister blue 1000 cc	45
570329	Suction canister blue 2000 cc	24



570328

Serres Trolleys and accessories

Product no.	Product name	Packing size (pcs)
570940	High trolley, 47" (120 cm)	3
570945	Low trolley, 21" (55 cm)	4
570941	Canister holder	6
570942	Control valve	1/30
570943	Control valve Plug	100
570955	Vacuum shift, plastic	5

Serial connection for large volumes

Product no.	Product name	Packing size (pcs)
570918	Serial tubing	150 (25x6)
570908	Vacuum tubing, silicone	10
570899	Vacuum tube roll, 16ft (5m), silicone	10

Valves and connectors for Serres canisters

Product no.	Product name	Packing size (pcs)
570958	Serres valve	10
570959	On-Off valve	10
570610	T-connector	100
570618	Angle connector	20



570958



570959



570610



570618

Brackets

Product no.	Product name	Packing size (pcs)
570815	Rail bracket, plastic	5/25
570818	Rail bracket, aluminium	5/25
570820	Wall bracket, plastic	5/50
570817	Wall bracket, aluminium	5/25
570814	Wall bracket, wide, plastic	25
570825	Table bracket	10
570835	Table stand 1000 ml	10
570836	Table stand 2000 ml	10
570830	Bed bracket	10



Adapters

Product no.	Product name	Packing size (pcs)
570822	C-adapter	50
570823	A-adapter	50



Solidifying agent

Product no.	Product number	Packing size (pcs)
570550	Solidifying agent, 0.9oz (25 g)	24/288 *
570553	Solidifying agent tub, 4.4lbs (2 kg)	1

* Products are packed in a plastic bag of 20/24 pcs. The total number of pouches in a shipping box is 200/288 pcs.

Accessories for Serres Suction system

Product no.	Product name	Packing size (pcs)
570247	Collection cup 300 cc	108 (18x6)
570257	Measuring cup 250 cc	72 (12x6)
570270	Splash-VAC + 9.8ft (3 m) suction tube	25
570710	Smoke filter	10
6006552	Vacuum source protector	15
570620	Twin connector	20/100
570621	Straight connector	20/500



570247



570257



570270



570710



6006552



570620



570621

Serres Nemo device

Product no. *	Serres Nemo device	Packing size (pcs)
570984	US/Canada	1

Serres Nemo disposables

Product no.	Product Name	Packing size (pcs)
6005708	Serres Nemo Washing Tray	40

Spare parts

Product Number	Spare part	Packing size (pcs.)
5798713	Inner Seal	1
5798714	Outer Seal	1

Trolley for liners

Product Number	Spare part	Packing size (pcs.)
6004833	Trolley for liners	1

The Serres Trolley provides comfort and efficiency while transporting up to 12 full 3-liter suction bags to Nemo for disposal.







||
We share
healthcare
professionals
passion for caring
for patients

serres

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