



# 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](https://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 CO<sub>2</sub>e and the emptied suction bag 0.20 kg CO<sub>2</sub>e.

**Using Nemo lowers the CO<sub>2</sub>e 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 CO<sub>2</sub>e 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 with only 1 in a million product failures.

### 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 with only a 1 in a million failure rate. 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 1000ml, 2000ml, and 3000ml. 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 ml
Suction bag 2000 ml
Suction bag 3000 ml



Suction bag  
1000 ml  
57157



Suction bag  
2000 ml  
57167



Suction bag  
3000 ml  
57187

## Folded Serres Suction bags

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

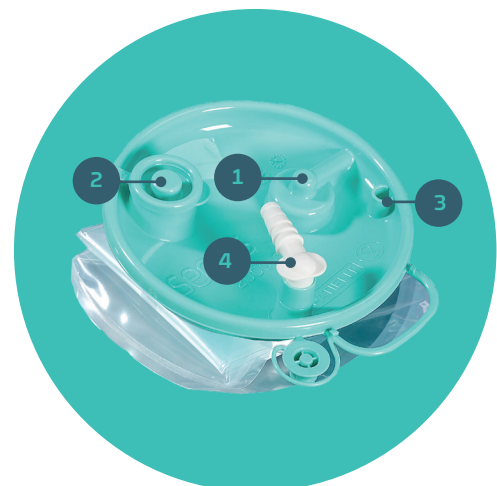
Product name
Suction bag 2000 ml (folded)
Suction bag 3000 ml (folded)



Suction bag 2000  
ml (folded)  
57167-0

## 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 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 ml, backflow valve
- Suction bag 2000 ml, backflow valve
- Suction bag 3000 ml, backflow valve



Suction bag 2000 ml,  
backflow valve  
57167-3

## Single packed Serres Suction bags

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

### Product name

- Suction bag 1000 ml (single packed)
- Suction bag 2000 ml (single packed)
- Suction bag 3000 ml (single packed)



Suction bag 2000 ml  
(single packed)  
57167-2

## 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 ml
- Dual filter suction bag 3000 ml



Dual filter suction  
bag 2000 ml  
57167-5

## Pre-gelled Serres Suction bags and Solidifying agent

Solidifying agent ensures safe fluid waste handling

### Product name

- Pre-gelled bag 1000 ml
- Pre-gelled bag 2000 ml (folded)
- Pre-gelled bag 3000 ml (folded)
- Solidifying agent 15 g
- Solidifying agent 25 g
- Solidifying agent tub 2 kg



Pre-gelled bag  
1000 ml  
57557



Solidifying  
agent 25 g  
57550



Solidifying  
agent tub 2 kg  
57553

\* 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 bags with ready to use tube

Ready-to-use packages consist of a connecting patient tube and a suction bag packed together in a peel pack. This combination of fully compatible suction products simplifies nursing work while reducing the number of product codes for better stock control.





# 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 ml, 2000 ml, and 3000 ml 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 ml
Suction canister 2000 ml
Suction canister 3000 ml



Suction canister  
2000 ml  
57328

## Serres Suction canisters, blue

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

### Product name

Suction canister blue 1000 ml

Suction canister blue 2000 ml



Suction canister  
blue 2000 ml  
57329

## Serres Flushing canister

Serres Flushing canisters can be used to flush suction tubes when there has been a long pause in the suction.

### Product name

Flushing canister white 1000 ml



Flushing canister  
white 1000 ml  
57319

## 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 and T-valve can both 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.
- T-Valve is used to open and shut off suction in serial connection.



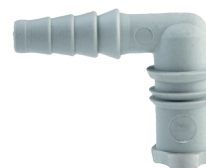
Serres valve  
57958



On-Off valve  
57959



T-connector  
57610



Angle connector  
57618



T-Valve  
6004914

### Product name

Serres valve

On-Off valve

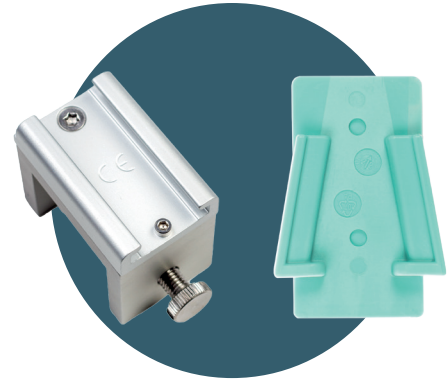
T-connector

Angle connector

T-Valve

# 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 57815) can be washed in a washing machine even at 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 ml
Table stand 2000 ml
Bed bracket



Rail bracket, plastic  
57815



Rail bracket, aluminium  
57818



Wall bracket, plastic  
57820



Wall bracket, aluminium  
57817



Wall bracket, wide,  
plastic 57814



Table bracket  
57825



Table stand 1000 ml  
57835



Table stand 2000 ml  
57836



Bed bracket  
57830

## 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
D-adapter
C-adapter
A-adapter
V-adapter
J-adapter



D-adapter  
57821



C-adapter  
57822



A-adapter  
57823



V-adapter  
57824



J-adapter  
57826

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## Scalable

Same bag for single use or serial connection. Capacity up to 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 120 cm\*

Low trolley 55 cm

\* High trolley comes with a wheel brake



High trolley  
120 cm  
57940

## 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.

Trolley bracket can be used for placing a tube holder or a vacuum shift on the trolley.



Canister holder  
57941



Control valve  
57942



Vacuum shift, plastic  
57955

### Product name

Canister holder

Control valve

Control valve Plug

Trolley bracket

High trolley base

Vacuum shift, plastic

## Serial connection for large volumes

### Product name

Serial tubing

Vacuum tubing, silicone

Vacuum tube roll, silicone 5 m



Serial  
tubing  
57918



Vacuum tubing,  
silicone  
57908

\* 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.
- **Bacterial filter** can be connected between suction canister and suction pump.
- **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.
- **Pouch Valve** allows liquid, but not air, to pass through from the collection pouch ensuring effective suction at the surgical cavity even if two suction tubes are connected to the same suction bag. It also eliminates noise created by air flow passing through the suction tube



Product name
Collection cup 300 ml
Collection cup 300 ml - Ø 7,2 (without angle connector)
Measuring cup 250 ml
Splash-VAC + 3 m suction tube
Bacterial / viral filter
Smoke filter
Vacuum source protector
Collection Pouch Valve
Twin connector
Straight connector
White angle patient connector 6 mm
White angle patient connector 7,2 mm



Collection cup 300 ml  
57247



Measuring cup 250 ml  
57257



Splash-VAC + 3 m  
suction tube  
57270



Bacterial / viral  
filter  
57702



Smoke  
filter  
57710



Vacuum  
source protector  
6001114



Collection Pouch  
Valve  
6004479



Twin connector  
57620



Straight  
connector  
57621

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## Cost effective

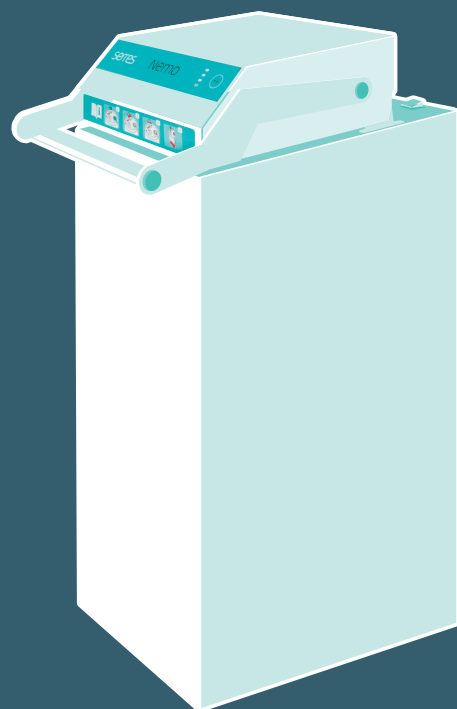
Up to 97% cost savings from waste management.

## Sustainable

Up to 97% savings in CO<sub>2</sub>e 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% CO<sub>2</sub>e 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

<b>Product name</b>	Serres Nemo
<b>Intended use</b>	Emptying Serres 2000ml and 3000ml standard suction bags
<b>Connections</b>	Cold water G½" Sewer DN 50 Electricity: Earthed plug 230V / 50Hz, type F (different country versions available)
<b>Material</b>	Stainless steel, plastic
<b>Dimensions</b>	Height 1060mm Width 330mm Depth 515mm
<b>Weight</b>	Approx. 60 kg
<b>Water consumption</b>	6,3 liters 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) *
<b>1000ml</b>							
57157	●						216 (36x6)
57557			●				192 (32x6)
57157-2				●			192**
57157-3					●		216 (36x6)
57157-32				●	●		192**
<b>2000ml</b>							
57167	●						144 (24x6)
57167-0		●					144 (24x6)
57567-0		●	●				132 (22x6)
57167-2		●		●			126**
57167-3		●			●		144 (24x6)
57167-32		●		●	●		126**
57167-5		●				●	144 (24x6)
<b>3000ml</b>							
57187	●						144 (24x6)
57187-0		●					144 (24x6)
57587-0		●	●				120 (20x6)
57187-2		●		●			126**
57187-3		●			●		144 (24x6)
57187-32		●		●	●		126**
57187-5		●				●	144 (24x6)

\* Unless stated otherwise, suction bags are packed in dispenser boxes and 6 dispenser boxes fit in a transport box.

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

\*\*\* Products have CE Marking.

## Female-female for standard yankauers and tips

(inside diameter of connector 11mm)

Product no.**	Tube size CH25	Length (m)	Suction bag size	Vacuum control Adapter *	Packing size (pcs)
<b>1000ml</b>					
57157-23181	●	1,8m	1000ml	-	65
57157-23188	●	1,8m	1000ml	SerresTip	60
57157-26308	●	3,0m	1000ml	SerresTip	50
57157-23185	●	1,8m	1000ml	Stop vacuum	60
<b>2000ml</b>					
57167-23181	●	1,8m	2000ml	-	60
57167-26301	●	3,0m	2000ml	-	50
57167-23188	●	1,8m	2000ml	SerresTip	60
57167-26308	●	3,0m	2000ml	SerresTip	50
57167-23185	●	1,8m	2000ml	Stop vacuum	60
57167-26305	●	3,0m	2000ml	Stop vacuum	50
<b>3000ml</b>					
57187-23181	●	1,8m	3000ml	-	60
57187-26301	●	3,0m	3000ml	-	50
57187-23188	●	1,8m	3000ml	SerresTip	60

\* Packed separately

\*\* Products have CE Marking.

## Serres canisters

Product no. *	Product name	Packing size (pcs)
57308	Suction canister 1000 ml	45
57328	Suction canister 2000 ml	24
57348	Suction canister 3000 ml	16
57309	Suction canister blue 1000 ml	45
57329	Suction canister blue 2000 ml	24
57319 **	Flushing canister white 1000 ml	45

\* Unless stated otherwise, products have CE Marking and NB certificate.

\*\* Product does not have CE Marking or NB certificate.



57328

## Serres Trolleys and accessories

Product no.*	Product name	Packing size (pcs)
57940	High trolley, 120 cm	3
57945	Low trolley, 55 cm	4
57941	Canister holder	6
57942	Control valve	1/30
57943	Control valve Plug	100
57955	Vacuum shift, plastic	5

\* Products have CE Marking.

## Serial connection for large volumes

Product no. *	Product name	Packing size (pcs)
57918	Serial tubing	150 (25x6)
57908	Vacuum tubing, silicone	10
57899	Vacuum tube roll, 5 m, silicone	10

\* Products have CE Marking.

## Valves and connectors for Serres canisters

Product no. *	Product name	Packing size (pcs)
57958	Serres valve	10
57959	On-Off valve	10
57610	T-connector	100
57618 **	Angle connector	20
6004914	T-Valve	10

\* Unless stated otherwise, products have CE Marking.

\*\* Product does not have CE Marking.



57958



57959



57610



57618



6004914

## Brackets

Product no. *	Product name	Packing size (pcs)
57815	Rail bracket, plastic	5/25
57818	Rail bracket, aluminium	5/25
57820	Wall bracket, plastic	5/50
57817	Wall bracket, aluminium	5/25
57814	Wall bracket, wide, plastic	25
57825	Table bracket	10
57835	Table stand 1000 ml	10
57836	Table stand 2000 ml	10
57830	Bed bracket	10

\* Products have CE Marking.



57815



57818



57820



57817



57814



57825



57835



57836



57830

## Adapters

Product no.	Product name	Packing size (pcs)
57821	D-adapter	50
57822	C-adapter	50
57823	A-adapter	50
57824	V-adapter	50
57826	J-adapter	50



57821



57822



57823



57824



57826

Other holders

Product no.	Product number	Packing size (pcs)
57831	Catheter holder	1
57833	Tube holder	10



Solidifying agent

Product no.	Product number	Packing size (pcs)
57550	Solidifying agent, 25g	24/288 *
57551	Solidifying agent, 15g	20/200 *
57553	Solidifying agent tub, 2kg	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)
57247	Collection cup 300 ml	108 (18x6)
57242	Collection cup 300 ml - Ø 7,2 (without angle connector)	108 (18x6)
57257 ***	Measuring cup 250 ml	72 (12x6)
57270 **	Splash-VAC + 3 m suction tube	25
57702 ***	Bacterial / viral filter	10
57710	Smoke filter	10
6001114	Vacuum source protector	15
6004479	Collection Pouch Valve	100
57620	Twin connector	20/100
57621	Straight connector	20/500
57604 **	White angle patient connector 6 mm	50/250
57612 **	White angle patient connector 7,2 mm	50/250

\* Unless stated otherwise, products have CE Marking.

\*\* Product does not have CE Marking.

\*\*\* Product has CE Marking and NB certificate.



57247



57257



57270



57702



57710



6001114



6004479



57620



57621

## Serres Nemo device

Product no. *	Serres Nemo device	Packing size (pcs)
579842	Belgium, Finland, France, Germany, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Thailand	1
6001269	UK, Ireland, United Arab Emirates, Kuwait, Malesia	1
6003127	Switzerland	1
6003128	Denmark	1
6001271 **	South-Africa	1
6005364 **	Brazil	1
6001267 **	Australia	1
6001273 **	China	1
570984 **	US/Canada	1
6001268 **	Chile	1

\* Unless stated otherwise, products have CE Marking.

\*\* Product does not have CE Marking.

## Serres Nemo disposables

Product no.	Washing tray	Packing size (pcs)
6005706	Finland, Sweden, Norway, Denmark	40
6005707	UK, France, Germany, Netherlands, Italy	40
6005708	US, Australia, Spain, Canada, China, Portugal, Brazil	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.

## Adapters

Product no. *	Product name	Packing size (pcs)	Without phthalate
58280-1	Serres Tip adapter	100	●
58250	Stop vacuum adult	70	●
58260	Stop Vacuum paediatric	70	●

\* Products have CE Marking.









“  
We share  
healthcare  
professionals  
passion for caring  
for patients

serres

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