



**Laerdal**  
helping save lives



The Laerdal Suction Unit - now even better

## Laerdal Suction Unit

Since 1968, the Laerdal Suction Unit has been supporting healthcare professionals in the delivery of emergency airway management. The new Serres Canister configuration is the latest development in our long history of delivering innovative suction solutions.



# The Serres Canister Solution

## Cost effective

The Serres Liner and Canister system is the most cost effective system Laerdal has offered to date. With better value suction liners, suction tubing and canisters, the Serres Solution allows users to stretch their budgets even further.

## Improved Design

The new Vacuum Connector and Canister Holder have been designed with user's needs in mind. A direct connection between the suction unit and the canister eliminates the need for vacuum tubing, and reduces the risk of incorrect assembly during set up

## Security of Supply

Serres are the largest supplier of suction bags in Europe and second largest globally. Their suction system is known for its superior user friendliness and enhanced ergonomics. Serres products have been designed with the convenience of healthcare providers in mind and optimally fit in both pre-hospital and hospital environments. All Serres Suction bags are equipped with a hydrophobic filter that will act as a reliable overflow valve and an efficient barrier against bacteria.



# LSU features

The LSU features a device diagnostics, a "no-tools" replaceable battery, built-in charger, an integrated vacuum regulator/power knob and a "rugged" bump proof splashproof design. LSU does all this quietly.

The LSU features a device diagnostics, with the capability to determine its readiness for use.

The user can test for:

- Occlusion in the suction system
- Vacuum build-up efficiency of the pump system
- Maximum achievable vacuum level
- Air leakage
- Battery charging status

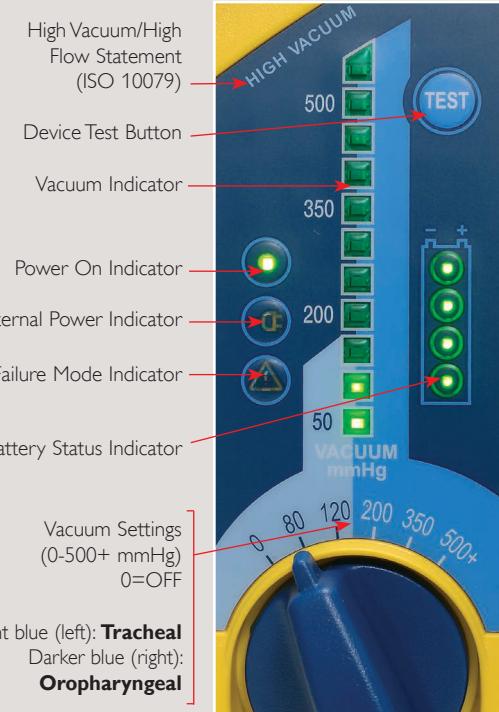
With the LSU, you can count on delivering the best patient care every time.

The compact and affordable choice for the most extreme situations, the Laerdal Suction Unit is the result of 40 years of airway management experience on the drawing board and in the field.

**5-YEAR  
WARRANTY\***

\*Excludes battery, canister system, power cords and normal wear and tear.

## Graphic User Interface



A fully reusable canister system is also available



Ease of use is assured with a "No Tools" required replaceable battery, built-in charger, and multiple power options



This large, single knob is easy to turn on and adjust even with firefighter's gloves



The LSU is easy to release from the Wall Bracket even when using gloves



Elimination of vacuum tubing reduces the risk of incorrect assembly

## PHYSICAL CHARACTERISTICS

<b>WEIGHT (including battery)</b>	4.0 kg	
<b>SIZE</b>	H315 X W330 X D160mm	
<b>CANISTER CAPACITY</b>	1000ml	
<b>PATIENT SUCTION TUBING (non-sterile)</b>	Reusable 8mm inside diameter 150cm length	Serres 5,8 mm inside diameter 180cm length

## CLASSIFICATION

Electrically powered medical suction equipment for field and transport use, according to ISO 10079-1:1999.  
High vacuum/high flow.  
Not suitable for use in the presence of flammable liquids or gases.

Class II equipment type BF, according to IEC 60601-12nd edition(2000). Protection class IP34D splashproof, according to IEC 60529 (2001)  
In compliance with EN 1789:1999.

## OPERATION

### Maximum air flow at different settings

80 mmHg	120 mmHg	200 mmHg	350 mmHg	500+ mmHg
12 l/min	16 l/min	20 l/min	23 l/min	25 l/min

### Battery operation time (free air flow) at different settings

80 mmHg	120 mmHg	200 mmHg	350 mmHg	500+ mmHg
3h 20 min	2h 20 min	1h 30 min	1 h	45 min

### Approx noise levels (free air flow) at different settings

80 mmHg	120 mmHg	200 mmHg	350 mmHg	500+ mmHg
46 dbA	48 dbA	51 dbA	53 dbA	56 dbA

### Power specification

Operating/Charging	100-240 VAC or 12-28 VDC
NiMH + Sealed Lead-Acid Battery	12 VDC 2.0Ah

## ORDERING

Cat. No.	Description	
780000	LSU w/Reusable Canister	782000
780030	LSU w/Serres® Suction Bag Canister System	782600 782610 782620 782630 782640 780440
<b>Consumables</b>		
781200	Aerosol Filter for LSU Reusable Canister	782630
57151	Serres Suction Bag 1000 ml	782640
5833181	Serres Suction Tube 180 cm	780440
781206	Serres Vacuum Connector	
780412	Disposable patient tubing 180cm	
573000	Serres Canister (1000ml, Transparent)	
57301	Serres Canister (1000ml blue)	
780451	Serres Canister Holder	

### Accessories

Carrying Bag (full covering)  
Wall Bracket w/DC Power Cord  
Wall Bracket w/AC Power Cord US  
Wall Bracket w/AC Power Cord EU  
Wall Bracket w/AC Power Cord UK  
Wall Bracket wo/Power Cord  
External Charger



LSU Wall Bracket



The product is in compliance with the essential requirements of council directive 93/42/EEC; Medical Device Directive as amended by 2007/47/EC.

For more product information: [www.laerdal.com](http://www.laerdal.com)



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