



Laerdal
helping save lives



Laerdal Suction Unit

- powerful and reliable

The Laerdal Suction Unit (LSU) is a portable, powerful and highly reliable suction unit designed for optimal preparation in emergency situations. The LSU is available as a reusable or semi-disposable option, depending on your requirements.



LSU Reusable



LSU Serres



LSU Bemis (USA only)

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ORDERING INFORMATION:

78 00 00 XX	LSU w/Reusable Canister
78 00 30 XX	LSU w/ Serres Suction Bag System
78 00 20 XX	LSU w/ Bemis (USA only)

Parts for LSU Reusable

78 12 00	Aerosol Filter for LSU Reusable Canister
77 04 10	Suction Tubing 150 cm w/o tip
65 01 13	Suction Catheter adapter, pkg. 10
78 40 00	LSU Reusable Canister
78 10 06	Angled Connectors, pkg. 10
78 10 02	Float Ball, pkg. 10
78 40 07	Vacuum Seal, pkg. 10
78 40 08	Gasket, pkg. 10
78 04 30	LSU Reusable Canister Holder

Parts for LSU Serres

57 151	Serres Suction Bag (1000 ml, Blue)
58 33 181	Serres Suction Tube (non-sterile CH25) 180 cm
78 12 06	Serres Vacuum Connector
78 04 12	Disposable patient tubing 180cm
57 300	Serres Canister (1000ml, Transparent)
78 04 51	Serres Canister Holder

Serres pre 2014

78 12 04	Serres Vacuum Connector Tubing
78 12 03	Serres High Efficiency Filtration Kit
78 04 50	Serres Canister Holder

Parts for Bemis

88 30 00	Disposable Bemis Canister & Suction Tubing (12/pkg.)
78 04 12	Disposable Patient Tubing
78 04 22	Coaxial Vacuum Connector, 33 cm, 10 pack
79 46 02	Disposable Patient Tubing w/o tip
78 04 13 34	High Efficiency Filter kit, Coaxial, 37 cm
79 19 00	LSU 12V Socket Adapter (to convert DIN plug to standard US 12V accessory plug)

Parts for all versions

778 04 33	Strap for Tubing
78 04 32	Release Arm
78 02 00	DC-Power Cord
78 02 10	AC-Power Cord US
78 02 20	AC-Power Cord EU
78 02 30	AC-Power Cord UK
78 08 00	LSU Battery - NiMH
78 04 36	Fasten bracket left/right
78 04 35	Holder for water bottle
79 35 00	Water Container
78 40 09	LSU Protection cap, 5 pkg
78 20 00	Carrying Bag (full covering)
78 26 00	Wall Bracket w/DC-Power Cord
78 26 10	Wall Bracket w/AC-Power Cord US
78 26 20	Wall Bracket w/AC-Power Cord EU
78 26 30	Wall Bracket w/AC-Power Cord UK
78 26 40	Wall Bracket wo/ Power Cord
78 23 00	Shoulder Strap
78 24 00 01	Side Pouch
78 04 40	External Charger kit

KEY FEATURES

One-hand-grip design

- 3 canister options:
 - Bemis Disposable Canister systems (USA only)
 - Serres Suction Bag Canister system
 - Laerdal Reusable Canister system
- Easy to convert between the canister systems
- Bemis High efficiency filter kit
- Bemis HEPA rated bacterial filter with filter efficiency of 99.97% down to 0.3µm
- Serres filter filters aerosols down to 0.4µm
- LSU Reusable aerosol filter filters aerosols down to 0.3µm
- Does not contain latex
- Big vacuum regulator dial
- Suction levels for tracheal suctioning and suctioning of children and infants marked in light blue
- LED display for use day or night
- TEST - Device Diagnostics program
- **Approximate noise levels at 80 mmHg of 48 dBA and 500+ mmHg of 56 dBA (free air flow)**
- No-tools-necessary field changeable battery
- Rechargeable Battery, NiMH, 12 VDC 2 Ah
- External Battery Charger
- 12V DC Power-cord for connection to vehicle connection
- **Weight 4kg (8lbs 13 oz) including battery**
- **5 year limited warranty (excluding the canisters, tubing systems and battery)**

TECHNICAL SPECIFICATIONS

Temperature and Environment

Operating/Charging Temperature	0 °C to 40 °C (32 °F to 104 °F)
Recommended Charging Temperature	15 °C to 25 °C (59 °F to 77 °F)
Long term Storage Temperature	0 °C to 40 °C (32 °F to 104 °F)
Max. 24 hour Storage Temperature	-30 °C to 70 °C (-22 °F to 158 °F)

Minimum suction 80 mmHg (110 BAR)

Maximum suction 550 mmHg (733 BAR)

REGULATORY STANDARDS AND APPROVALS

Europe: CE marked as class IIa device in accordance with Council Directive 93/42/EEC Medical Device Directive, as amended by Council Directive 2007/47/EC.

USA: Cleared under 510(k) as a class 2 device.

Canada: Holds a class 2 medical device license.

Designed in compliance with EN 1789:2007 + A1:2010, Standard specification for medical vehicles and their equipment - Road ambulances.

Laerdal Medical is certified by DNV GL Presafe AS to ISO 13485:2016



This product is in compliance with the essential requirements of Council Directive 93/42/EEC as amended by Council Directive 2007/47/EC.



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