

Laerdal Compact Suction Unit (LCSU) Technical Specifications

Classification

Electrically powered medical suction equipment for field and transport use, according to ISO 10079-1:1991
 High vacuum/high flow
 Internally powered/Class I equipment type BF, according to IEC 601-1:1988,
 Electrical Safety Standards Protection class IPX2 splashproof, according to IEC 529:1989

Physical Characteristics

Weight (including battery) 2.9 kg (6.3 lbs.)
 Size W 22.9 X H 17.8 X D 20.3 cm (W 9 X H 7 X D 8 in)
 Canister Capacity 800 ml Disposable - 1200 ml Reusable
 Patient Suction Tubing (non-sterile) 6.4 mm (0.25 in) inside diameter - 1.8 m (6 ft.) length
 Bacteria Filter HEPA rated hydrophobic media

Power Specifications

Electrical Requirements AC: 120VAC, 0.75A max., or 12V DC, 33W max.
 Battery 12V DC, 2 Ah, sealed lead-acid, non-spillable, rechargeable
 Charging Time 10 - 17 hours; continuous standby charging recommended

Environmental Conditions

Operating/Charging Temp. 0°C to 40°C (32°F to 104°F)
 Storage & Transport Temp. Range -40°C to 70°C (-40°F to 158°F)
 Humidity (Operating & Storage) 0 - 95%
 Operating Atmospheric Pressure 10.2 Psi (70k PA) to 15.4 Psi (106k PA)
 Storage & Transport Atmospheric Pressure 7.3 Psi (50k PA) to 15.4 Psi (106k PA)

Performance Characteristics*

Vacuum Range 80 to 550 mmHg
 Airflow Range (free flow) 0 - 27 lpm, typical
 Battery power approx one hour

** Conditions may vary according to environmental factors, system configuration, power source, age/maintenance of battery, and/or state of charge.*

Ordering Information

88 00 20
 LCSU Complete w/Battery, Disposable
 Collection Canister, Gauge and Regulator,
 & Soft Pack Carry Case

88 00 30
 LCSU Complete w/Battery, Reusable
 Collection Canister, Gauge and Regulator,
 & Soft Pack Carry Case

88 00 40
 LCSU Complete w/Disposable Collection
 Canister, Gauge and Regulator, & Soft Pack
 Carry Case

Consumables

88 47 02 800 ml Disposable Collection
 Canister Package (incl. bottle,
 lid, filter, elbow, connector
 tubing, patient tubing)

88 47 01 800 ml Disposable Collection
 Canister (case of 48)

88 49 01 Bacteria Filter (12 pk)

88 49 03 6' Patient Tubing

88 49 03 Elbow

88 49 05 4" Connector tube (6 pk)

Accessories

88 46 00 Soft Pack Carry Case with
 Shoulder Strap

88 48 02 1200 ml Reusable Collection
 Canister Package

88 48 01 1200 ml Reusable Collection
 Canister (20 each)

88 48 03 Adapter for Reusable
 Collection Canister

88 50 00 Vacuum Gauge Test
 Fixture Parts

88 43 01 12V DC High Capacity
 Rechargeable Battery

88 44 00 AC to DC Adapter/Charger

88 44 01 120VAC Line Cord for USA

88 45 00 12V DC Power Cord

88 44 02 Hospital Grade Line Cord
 (120VAC)

88 44 03 Line Cord for UK

88 44 04 Line Cord
 for Continental Europe

88 44 05 Line Cord for Australia

Small size; Big value



Laerdal Compact Suction Unit

For more product information: www.laerdal.com

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The Laerdal Compact Suction Unit

Compact – Powerful – Versatile – Easy-to-Use – Economical

The LCSU boasts small size and big value!

This lightweight, powerful suction unit comes complete and ready to use.

- Built-in gauge and regulator – for oral, nasal, and tracheal suction applications on infants through adults
- Spacious and durable soft pack carry case – to store extra supplies and make it easy to carry
- Two-year limited warranty* - economical
- Suction power, airflow and battery operating time meet and exceed ISO-10079-1, the International Standard for medical suction equipment

This unit also features an on-off rocker switch, low battery/charging/power indicators, and comes with an AC/DC charger and power cords. The unit is supplied with an 800 ml disposable or 1200 reusable canister, lid, bacteria filter, elbow, connection tubing and patient tubing.

**Warranty excludes battery and collection bottle.*



800ml Disposable Canister with Lid

90° Elbow Connector

4" Connection Tubing

Bacteria Filter

Power Switch

Vacuum Gauge

Vacuum Adjustment



Reusable Collection Canister and Patient Tubing.

Vacuum Gauge

Built-in gauge and regulator for all types of suctioning applications. Controls airflow for oral, nasal and tracheal applications for patients of any age infants through adults. Easy-to-read gauge is conveniently located on the top of the brightly colored yellow LCSU handle.

Low Battery/Charging/Power Indicator

The LCSU conveniently displays all the essential LED's on the top of its rugged cabinet. The low battery LED indicates when it's time to recharge. The battery is being charged when the charging light is illuminated. To help preserve the life of your battery, an external power light remains on while your unit is connected to AC or DC power sources, indicating the unit is not running off the internal battery. These LED indicators help ensure your unit is operating at its peak when you need it most.



Soft Pack Carry Case

This spacious and durable soft pack carry case makes it easy to grab the LCSU and run to emergency situations. The soft pack has plenty of extra room to store gloves, catheters, extra tubing and other equipment to make your job simpler. Everything you need for suctioning is ready to go. The LCSU can be operated right from its carry case!

