



Circular 105:19

Date: Thursday 12th December 2019

Subject: Portable Suction units

Attention: All

Action: Immediate

Circulars are available at: <http://lifesaving.org.nz/lifesaving/lifesaving-operations-circulars/>

The LCSU 4 is an advanced compact patient suction unit that each club will receive as per recommendation from the equipment clubs audits in 2019.

This Circular is providing information on-

- Specifications
- Performance
- Features
- Product brochure
- Dimensions
- Consumables and Training Video



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Specifications

Catalogue No. 880052/ 880062: Meets RTCA/DO-160G - Section 21 Category M (for battery operation only; commercial aircraft, airborne equipment).

Performance

- High flow / High vacuum
- Air Flow @ Vacuum Inlet: 30 LPM (free flow) typical
- Vacuum - Max.: 550+ mmHg (73.3 kPa)
- Vacuum - Range: 50 - 550+ mmHg (6.7 - 73.3 kPa)

Features

- One-hand-grip design
- 800 ml canister option when extra volume is needed
- Disposable canister systems
- Internal integrated filter systems for all canisters
- High efficiency filter kit with a HEPA rated bacterial filter
- Latex free
- LED display for use day or night with a Battery level indicator
- Children vacuum range area (marked in blue) on the control panel
- Arrows pointing the vacuum directions
- Wire Stand for stability with a High density carry bags
- No-tools-necessary field changeable battery
- Rechargeable Battery, NiMH 12 volt 1.6 Ah.
- Battery run time: Approximately 45 minutes (free flow)
- AC/DC Adapter Charger (100-240 V)
- External Battery Charger
- 2 year limited warranty (excluding the canisters, tubing systems and battery. Battery = 90 days)
- Multi language Directions for Use (19 languages)

Product brochure

http://cdn.laerdal.com/downloads/f2539/laerdal_compact_suction_unit_4_lcsu_4

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Dimensions

- 800 ml canister version: 23.6 cm x 19 cm x 23.6 cm (9.3" x 7.5" x 9.3")

Consumables

- Canister <https://www.laerdal.com/nz/item/886102>
- Suction Cather to be obtained from the First Aid list which will be supplied in a separate Ops Circular

| Supplier internal code | Product Description | Price-each | Order number |
|------------------------|--|------------|--------------|
| ANS039 | Suction Handle Yankauer Paed Argyle | 3.6500 | 8888504001 |
| ANS043 | Yankauer Suction No Vent Adult Ste 3405 | 1.2600 | 3405 |

Training video on how to use the Suction unit

www.youtube.com/watch?v=EWCaccCrwys&feature=emb_logo

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