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Product Name :

Pump,suction,airway,electr,battery

Product Code :

LBNY-0017-2200035



www.laboratoryinstrumentindia.com

Description :

Portable suction machine for airway aspiration, minor surgery, emergency, patient transfer, suitable for use in hospitals and at home.

The unit provides intermediate and continuous suction. Continuous is limited to 30 minutes after which the unit should be given 30 minutes to cool down.

The flow rate at maximum vacuum is ? 33 L/m (2 m³/h).

The unit is provided with a suction tube of at least 1.5 meters.

The suction tube is made of medical grade silicone which is autoclavable at 121°C.

During operating the unit's noise level does not exceed 65.5 dB.

The unit is designed in such a way that it requires little or no oil.

The pump is equipped with a provision preventing fluid flowing to the pump if the collection jar is full (overflow control valve).

The unit is provided with one (1) reusable collection jar.

The unit has maintenance free operating.

A gauge indicating the negative pressure generated by the unit.

A hydrophobic bacterial filter is included in the airline to the pump.

The user adjustable suction ranges between 0 and at least 525 mmHg (70 kPa).

The unit should be provided with a carrying handle and storage provisions for all accessories, allowing to carry the unit with one hand.

The body is to be constructed of stainless steel or material which is non-corrosive or has a corrosion resistant coating.

The unit is equipped with a lead-acid battery.

The battery should be able to power the unit for up to 60 min.

The design of the device should be such that it is easy to clean/disinfect by avoiding difficult-to-reach areas and

having smooth surfaces.

The device should have a sturdy, shock resistant casing.

A visual alarm should be incorporated in the unit signalling depletion of the batteries.

The unit should be provided with a battery level indicator and a charging indicator.

The unit should be able to simultaneously operate and charge from 12 Volt as well as the main power grid.

Power requirements: 230 Volts - 50Hz

The weight of the unit does not exceed 5.5 kg.

Technical Specification :

ENVIRONMENTAL CONDITIONS

Storage conditions: -10°C - 55°C / 20 % – 80% RH.

Operating conditions: 5°C - 35°C / 20% – 90% RH.

Ingress protection rating: IP21.

Atmospheric pressure: 800 ~ 1060hPa.

WEIGHT AND VOLUME

Volume: 100.00 dm³.

Weight: 8.000 kg.



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