

## Description

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**The unit is mounted on a stable,  
portable stand with:**

Castors/wheels to have fully 360-degree  
swivel;

Castors/wheels are lockable.

Castors/wheels minimum size of 75  
mm;

Castors/wheels are anti-static;

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

The device should have a sturdy, shock  
resistant casing.

## Electrical requirements

The power requirements will depend on  
the country where the equipment will be  
shipped. Units are available for either  
100-110 volt / 60 Hz or 220-240 Volts /  
50 Hz versions, or both simultaneously.

The power consumption will not exceed  
200 Watts.

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## **Environmental conditions**

**Operating conditions:** 10 40°C / 100%  
relative humidity

**Storage conditions:** 0 50°C / 100%  
relative humidity

## **Description**

An electrical operated suction unit suitable for minor surgery, medical interventions, resuscitation and aspiration of secretions, puss, blood, irrigating fluids, etc.

## **Technical specifications:-**

The unit provides intermediate and continuous suction.

**The unit is provided with one (1) collection jar with the following features:**

Made of shatterproof material;

Have clear graduation;

Be transparent;

Is fully autoclavable at 121°C (hence reusable);

Has at least 1 litre capacity.

**The unit has maintenance free operating and is fitted with the**

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**following features:**

Operating piston(s) which requires little or no oil;

Fitted with a bacterial filter in the airline to the pump;

User adjustable suction between 0 and at least 600 mmHg (800 mbar);

A provision which prevents fluid to flow to the pump if the collection jar is full;

A gauge indicating the negative pressure generated by the unit (preferably in kPa or mmHg);

A vacuum control and on/off switch on the casing;

Aspiration capacity at least 16 L/m (1 m<sup>3</sup>/h).

**A suction tube of at least 1.5 meters with the following specifications:**

A foot switch for control of the suction.

Autoclavable at 121°C;

Made of medical grade silicone.

During operating the unit's noise level will not exceed 60.5 dB.

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