

Instructions for Use of Manual Suction Pump

DESCRIPTION:

This manual suction pump is a light portable unit that can be powered by one hand and allows another hand free for other important duties; the vacuum can be adjustable for adult or child. This unit was designed to provide simple operation and maintenance.

TECHNICAL SPECIFICATION

Vacuum(max):	450mmHg (Stroke adjustment: 100% for adult or 50% for child)
Peak Free airflow:	>20L/min Disposable container volume: 300ml
External diameter of cap:	17mm External diameter of catheter connection: 13mm
Operating environmental temperature:	-18 \square to +50 \square
Storage environmental temperature:	-20 \square to +60 \square
Dimensions:	180 \times 220 \times 80mm
Net Weight:	275 g

DIRECTIONS FOR USE

- 1 Select appropriate size tubing (according to the size of the patient) and attach to the adapter.
- 2 Attach adapter with tubing to cap of the container.
- 3 Container should be attached to the pump.
- 4 Select the appropriate vacuum for adult or child. (See below figures).

Fig. 1



For adult.

Fig. 2



For child.

Cleaning –disinfecting – sterilizing

Disinfect the pump and handle (by scrubbing with warm soapy water, mild detergent, bleach solution etc.) before placing into the storage.

Basic functional test

Check the handle's condition and pump function before returning it to service. Mount a container, occlude the pump suction port by thumb or palm and squeeze the pump handle to check for the vacuum.

Maintenance

The unit requires no special maintenance or storage condition.

CAUTION : It is very important that the canister cap is attached all the way to the pump body.

This aspirator is operated by a simple squeezing action of the trigger. The adjustment stroke knob will enable to produce various suction volumes. The manual suction pump in the default state is for adult (See Fig. 1). If the manual suction pump is used for child, whirl the knob 90 degrees anticlockwise (See Fig. 2). Pull or squeeze the trigger towards pump handle. This squeezing mechanism will generate the vacuum in the pump and suck the fluids into the container. The squeezing action (of the trigger) will become harder when the container is filled or if the catheter is clogged. Once suction is completed, remove tubing slowly from the patient. Remove filled container by unsnapping the container (and tubing) from the pump. Discard disposable tubing and container appropriately. If required, place label on the container for transportation to the laboratory. The collection container is equipped with an overflow protection mechanism. Once the collection container is full, the overflow protection mechanism will be engaged. When mechanism is engaged, it is not possible to squeeze the handle for further suctioning (extremely high resistance will be felt when trying to do so). The overflow protection mechanism will ensure that the fluid will not enter the pump housing once the container is full.

WARNING: Read instructions before use. This pump should be used by persons with training in suction techniques.

Never immerse the pump unit in the water or other liquids.

The use of suction device may require that appropriate infectious disease precautions be taken during use, cleaning of the device and disposal of the tubing and the container.

Performance values given are achievable under test conditions. It may vary during actual use.

LOT :

CONTROL :



EXP.