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## MANUAL SECRETION VACUUM CLEANER PA-175



### USER MANUAL



**PROMEBA**

EMERGENCY & RESCUE

## 1. INTRODUCTION

Manual Suction Pump is a light portable suction unit that can be powered by one hand and allows another hand free for other important duties. This suction unit was designed to provide simple operation and maintenance. Adjustable stroke knob will provide different suction pressures.

## 2. TECHNICAL SPECIFICATION

Vacuum after 1 minute at 20kPa vacuum:  $\geq 15$  kPa

Vacuum after 6 times suction:  $\geq 20$  kPa

Vacuum (max):  $\geq 39.9$  kPa

Disposable container volume: 300 ml

External diameter of cap (suction port): 17 mm

External diameter of catheter connection: 17 mm and 9 mm and 4.67mm and 4mm

Stroke Adjustment: Turn to 50% or 100%. .

Operating environmental temperature:  $-20^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$

Storage environmental temperature:  $-40^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$

Height of container and external diameter of bottom: 130mm and 70mm

Net Weight: 290 grams

## 3. DIRECTIONS FOR USE

Select appropriate size tubing (according to the size/age of the patient) and attach to the adapter (if not attached already). Attach adapter with tubing to the cap of the container. Container should be attached to the pump.

- (1) This aspirator is operated by a simple squeezing action of the trigger. The adjustment stroke knob will enable to produce various suction volumes (see below). 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. Place container along with the tubing in the poly bag. Discard disposable tubing and container appropriately. If required, place label on the container for transportation to the laboratory.
- (2) To adjust the stroke of the handle, turn the adjustment stroke knob clockwise at  $90^{\circ}$ . Select the proper vacuum according to the indication symbol.

Caution: if the pump handle becomes difficult to operate, a blockage may have occurred. Do not continue suctioning until the source of the blockage has been determined (remove the blockage from the catheter, adapter or cap).

- (3) Disinfect the pump and handle (by scrubbing with warm soapy water, mild

detergent, bleach solution etc.) before placing into the storage. Check the handle's condition and pump function before returning it to service. Simply occlude the pump suction port (where you attach the container) by thumb or palm and squeeze the pump handle to check for the vacuum.

**Warning and caution:**

Read instructions before use. The pump should be used by person 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 infections disease precautions be taken during use, cleaning of the device and disposal of the tubing and the container (as per your protocol).

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

The law restricts this device to sale by or on the order of a physician.