

Instruction Cum User Manual
For **MULTIVAC (BLACK)**
EMERGENCY ASPIRATOR AC: DC: PEDAL



ASSEMBLY: AC / DC pump (based on piston system), batteries and PC card are housed in the enclosure. Pedal unit with gauge is attached. The panel has an On / Off switch and four LED lights indicators;

- | | |
|---------------------------|----------------|
| 1. External Power - AC ON | 2. DC ON |
| 3. Battery Full | 4. Battery Low |

On the top is a sensor-fitted safety jar with autoclavable filter on top, which is connected to the jar lid. The patient tube is to be connected to the other nozzle on the lid. Vehicle charging cord is to be connected on the socket (with threading) provided on the side. Also it has a fuse.

TECHNICAL:

Housing	: MS Powder Coated
Max. Vacuum / LPM	: Electrical : 600 mm Hg, 21 Ltrs / min : Pedal : 200 ml push stroke
Pump Type	: Piston pump
Jars	: 1 x 1 Ltr. PC Jar
Filter	: Bacterial Filter Autoclavable / Reusable
Tubing	: 8 mm ID x 2 mtr. (Silicon)
Vacuum Gauge	: Bourdon type 5 cm dia 0-760 mm Hg
Power Supply	: 220 V AC, 50 / 60 Hz, 70 Watt, Electric - Pedal : 12 V DC Internal Rechargeable Battery (12 V 4.5 Amp)
Noise Level	: 55 dB A ± 3
Battery	: Lead Acid (Ni-cd Optional)
Dimensions	: 33 x 30 x 41 cms
Net Weight	: 8.5 Kg
Overflow Safety	: Mechanical / Electronic
Optional	: Car Charger & Power Adaptor (Included)

Apart from the overflow cut off system under the jar lid, an electronic sensor (incorporated in the safety jar) in the event of fluid entering is activated and it stops the motor. The remedy is to switch off the unit, clean the jar, safety jar, and filter, change filter element and set & switch on the unit.

JAR / CLEANING AND DISINFECTING: After each use jar, lid, overflow cut off valve, catheters, etc. should be cleaned thoroughly. When cleaning is necessary after infective fluid has been evacuated, the jar, lid, filter housing, tube, cut off valve can be sterilized by autoclaving upto 120 degree C for 20 minutes. Alkaline cleaning agents and disinfectants based on phenyl may not be used.

BACTERIAL FILTER: Apart from holding overflowing flash droplets, the replaceable filter element filters evacuated air before it enters the pump, thereby infecting the environment. It must be changed immediately after vapours have entered or after infective suction has been done.

BATTERIES: Must be charged at least once a week even if the unit remains unused. For replacement, open the side of the unit, remove negative and positive connections on the batteries. Remove the batteries and install new batteries. Red wire has to be connected to the red (live) pole on one battery and black wire on the black of the other. Black of the first and Red of the second have to be interconnected. Remember to charge the new batteries for 8 – 10 hours for optimum performance.

PRECAUTION:

1. Charge batteries at least once a week even if the unit reins remains.
2. No lubrication is required
3. Fluid must never enter the pump

Jar/ Lid / Float should be cleaned immediately after each emergency and, in no case, the jar be filled more than 3/4th .

TERMS OF WARRANTY

Anand Medicaids Private Limited warranty the high quality and workmanship of each Anand's MULTIVAC for a period of one year subsequent to the date of delivery by the company. During this period, faulty material will be replaced free of charge. This warranty does not extend to components that are subject to wear and tear in the course of normal operation or due to improper treatment/maintenance as per instructions. Further conditions in accordance with international standard IEC 601.1 item 6.8.2b.

The manufacturer is only responsible for effects on the safety, the reliability and the performance of the appliance if

- Installation, additions, adjustments, modifications or repairs are carried out by personnel authorized by the manufacturer
- The electrical installations within the room concerned satisfy the requirements laid down by IEC.
- The appliance is used in full accordance with the instruction manual which is solely a guide and no substitute for professional training. The safe and effective use of this product largely depends on the skill of the operator. We are not liable for any damages due to mishandling or improper and unauthorised use.
- The company reserve the right to change technical specifications, designations and catalogue numbers without prior notice.


CAUTION 

Ensure that your electrical wirings are well earthed with 1 line and 1 neutral phase and voltage is between 220 V – 230 V, 50 Hz: for electric suction units only

Ensure the suction unit should not be lifted above human body level

Dispose of used products/packaging in safe manner so as not to harm stray cattle, children and environment.

WARRANTY CARD

Model No. -----
 SN -----
 Date of Purchase: -----
 Dealer Name: -----

Stamp :



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