

Precautions

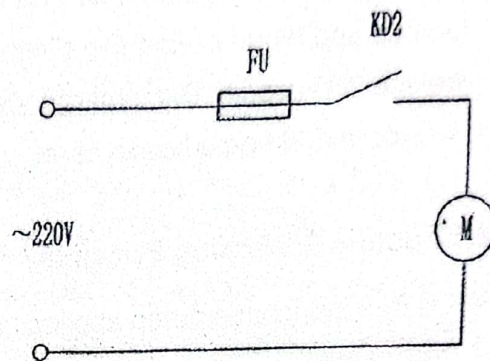
1. Handling and storage environment conditions

- Ambient temperature: - 40 ~ 55°C
- Relative humidity: ≤ 95%
- Atmospheric pressure: 500 ~ 1060 kPa

Note: It is required to store the aspirator in the well-ventilated room without corrosive gas, and avoid any violent shock while handling.

2. Electric systematic diagram

Electric repair to be conducted by the specialized operator



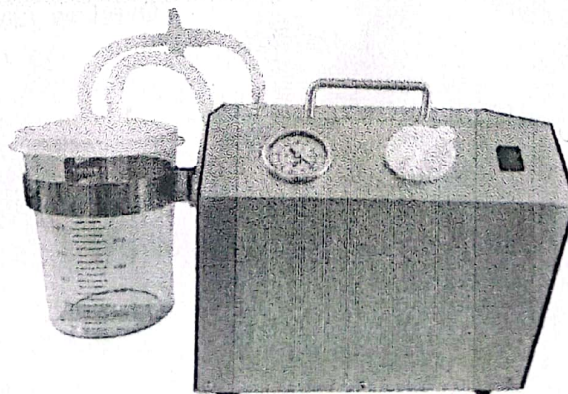
3. After-sale service

- The manufacturer will be responsible for repairing or replacing free of charge this apparatus if it doesn't work properly under normal storage & operating conditions within 1.5 years starting from the ex-works date or 1 year from the sold date;
- Necessary information on the circuit diagram and for check is available upon request. Please contact the manufacturer if there is any problem related to the circuit check.

4. Attachments

- Suction conductor (1.3m long): one pc
- Air filter: two
- Fuse tube (RF1 $\phi 5 \times 20 / 1.5A$): two sets
- Suction tube: 10' one pc, 20' one pc
- Instruction manual: one copy

Be subject to any change on the circuit and outward appearance due to modification without notice.



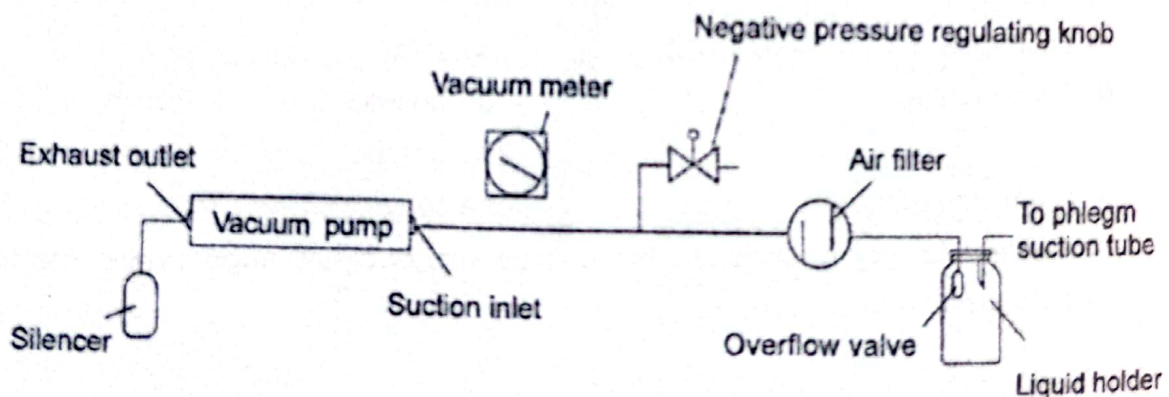
Product Features

1. General

H003-C portable phlegm aspirator designed based on developing orientation of similar products at home and abroad is a new generation of oil free lubrication suction device, which is suitable for use by the patient who has difficulty in phlegm removal due to illness, coma and operation, as well as for aspirating such liquid as pus and blood during the clinical practice. It is the commonly applied medical device for use in the emergency room, operation room, and for nursing in sickroom and home health care.

2. Structure & Working Principle

- Oil free lubrication pump applied to keep the environment from being polluted by the oil mist;
- Lower noise;
- New style of the embedded liquid holder, square negative pressure meter, and full plastic enclosure;
- No any positive pressure to be generated during running, to ensure reliable and safe operation;
- Negative pressure regulating system in stepless adjustment as required;
- Suitable for first-aid and outdoor go-round for medical treatment because of its features such as small volume, light weight, and easy to carry about;
- Systematic diagram shown as follows:



3. Main Technical Performances

(1) Limit negative pressure: $\geq 0.075 \text{ MPa}$

Installing and Commissioning

- (2) Negative pressure regulating range: 0.02 MPa ~ limit negative pressure
- (3) Suction rate: ≥ 18 L/min
- (4) Noise: ≤ 65 dB (A)
- (5) Liquid holder: 1000 mL/pc 1 pc
- (6) Power source: AC220V $\pm$ 22V 60Hz $\pm$ 1Hz
- (7) Input power: 90 VA
- (8) Fuse tube: RF1 Φ 5X20/1.5A
- (9) Weight: 2.5 kg
- (10) Overall size: 335 x 150 x 240 (mm)

- The aspirator is not suitable for use in the place with inflammable & explosive gas;
- Working system: short time running;
- Electric safety requirement: Class II, Type B equipment

4. Normal Operating Conditions

- Ambient temperature: 5 ~ 40°C
- Relative humidity: $\leq 80\%$
- Atmospheric pressure: 86 ~ 106 KPa

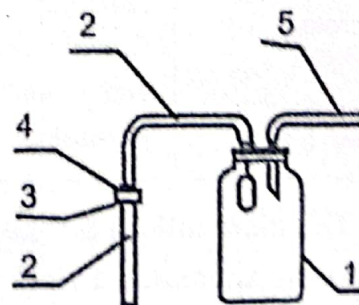
Installing and Commissioning

1. Open Package Inspection

The customer shall carefully inspect if the appearance of product is good, and the varieties & quantities of the attachments are in conformity with tube as indicated in the attached list before installing and commissioning. Also, the customer shall timely notify the supplier or manufacturer of damage(s) if any;

2. Connecting (See Tube Connecting Diagram, with phlegm suction tube temporarily not connected)

- 1. Liquid holder
- 2. Suction tube
- 3. Air filter
- 4. Mark
- 5. Suction conductor



Application and Maintenance

Trouble shooting

No.	Problem & Question	Reason	Possible Solution	Remarks
1	Limit negative pressure < 0.075MPa	a. Holder mouth leakage; b. Leakage on connecting points; c. Regulating valve loose or released.	a. Remove dirt, tighten or change the holder cover, seal ring, and connector; b. Re-tighten each connection point; c. Turn tightly the regulating valve	b. Change the broken suction tube
2	Negative pressure > 0.04 MPa, with distinct reduction or disappearing of suction force at tube outlet	a. Overflow device shut-off; b. Tube blockage; c. Air filter blockage	a. After shut-off, turn the regulating valve loose counterclockwise to release negative pressure in tube, then re-screw; b. Dredge, clean or replace the tube; c. Replace it with air filter produced by us.	a. Empty the holder timely; c. The end (in blue mark) of air filter is the air inlet
3	Normal power voltage, but the indicator doesn't illuminate	a. Fuse broken; b. Indicator damaged	a. Replace the fuse tube; b. Replace the indicator	a. Size: RF1 Φ 5 X 20/1.5A
4	Fuse tube broken	a. Voltage over high; b. Internal line in fault; c. Pump blocked, and current increasing	a. Adjust voltage; b. Check the circuit line, and correct; c. Check the pump body and motor	By the specialized maintenance worker (Refer to Electric Systematic Diagram)

Note: The dismantling & repair on the pump body if fault shall be conducted by the specialized worker. Please contact the manufacturer if required.