

Operate Manual

AEOLUS-370 implant



contents

1	safety summaries.....	1
1.1	Notice Item.....	1
1.2	Safety Measures.....	1
2	Product Feature.....	2
2.1	Product Use.....	2
2.2	Structural features and working principle.....	2
2.2.1	Product Structure.....	2
2.2.2	Working Principle.....	3
3	Main parameters of the product.....	4
4	Working conditions.....	4
5	Product acceptance.....	4
5.1	Unpacking inspection.....	4
5.2	Identification check.....	4
5.3	Acessories List.....	5
5.4	Connecting Pipelines.....	5
5.5	Connection Power.....	6
5.6	Calibration pipeline.....	6
5.7	Negative pressure regulation.....	6
5.8	Operate Method.....	6
6	Replace Consumable material.....	7
7	Electrical principle.....	8
8	Troubleshooting.....	8
9	Equipment repair and maintenance.....	9
10	After Serive.....	9

1、 Safety Summaries

1.1 Notice Item

Note: This product is connected fine electrical components with wires.

When the equipment is failure, please do not try to disassemble and repair it by yourself. The maintenance must be solved by the manufacturer or professional personnel with relevant qualifications authorized .

1.2 Safety measures

Please observe the following basic safety precautions when use this product.

- Please cut off the power after use this equipment every time
- Please don't tilt the equipment when using it.
- Please don't touch the equipmet's shell when the environment is wet
- Please don't place the equipment in flammable, explosive and corrosive gas environment.
- Please don't reuse disposable collection bags and disposable spitting tubes.
- Please put the foot switch in place after using the equipment
- Please don't step on the foot switch again.
- Please don't use additional parts except recommended by the manufacturer, avoid to reduce the performance of the machine
- Please don't disassemble the machine. It should be repaired by qualified maintenance personnel.

please do not use the equipment when the power cord or plug is damaged, the machine can't work normally, the machine falls or is damaged, or the

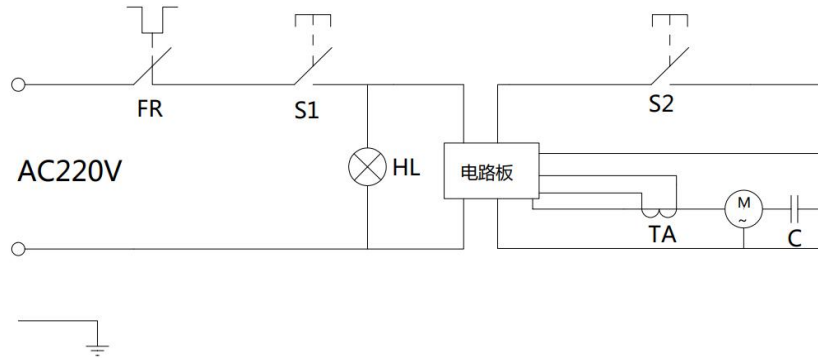
9、 Equipment repair and maintenance

- Proper maintenance can effectively improve the efficiency of the equipment, reduce failure rate, and help to extend the service life of the equipment
- Please check if the pipe is blocked every week. If the pipe is blocked, the suction efficiency will be reduced. when serious cases, the motor maybe damaged due to overload operation for a long time。
- Please check if the transparent bottle is broken every week. Because the crack of the tank will seriously affect the suction power of the equipment, once the crack is found, please contact the manufacturer immediately to negotiate a solution。
- Check the sealing ring at the transparent bottle mouth every month for wear and displacement.
- please check the circuit and electronic components of the equipment every year ,to ensure the wires are not aging and the electrical components can operate normally.

10、 After Serive

The company have an responsible for the return, replacement and repair of non-human quality problems of this product within one week from the sale date ; Under normal use and storage, if the product has quality problems within one year from the sale date , the company will provide free maintenance; If the product has quality problems within one year after the

7、Electrial Principle



Electrical maintenance should be operated by professional person

8、Troubleshooting

phenomenon	analysis	Solution
Unable to start	Whether the power plug is connected	Connect the Power Plut
	Whether the power switch is turned on	Turn on the power switch
	open the control switch failure	Please inspect or replace
Suction efficiency reduction	Entrance is blocked	Inspect the Suction Pipeline
	Suction pipeline leak the air	Inspect the suction Pipeline & connector if loosen
Pump overloading	Whether poor voltage	Inspect the power voltage

- machine falls into the water. Contact the manufacturer immediately to negotiate and provide solutions.

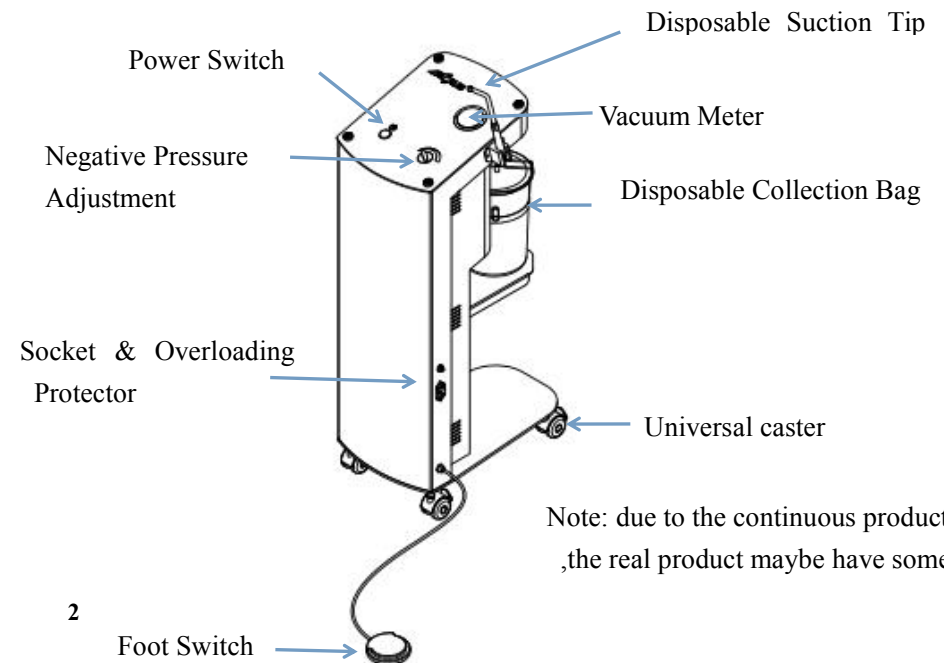
2、Product Feature

2.1 Product Use

- ◆ Product use range: It is used for vacuum suction during medical operation.
- ◆ This product's consumables is disposable item, instant change and use, easy to operate, time-saving and worry-saving
- ◆ This product adopts the movable suction device made of oil-free lubrication negative pressure pump

2.2、Structural features and working principle

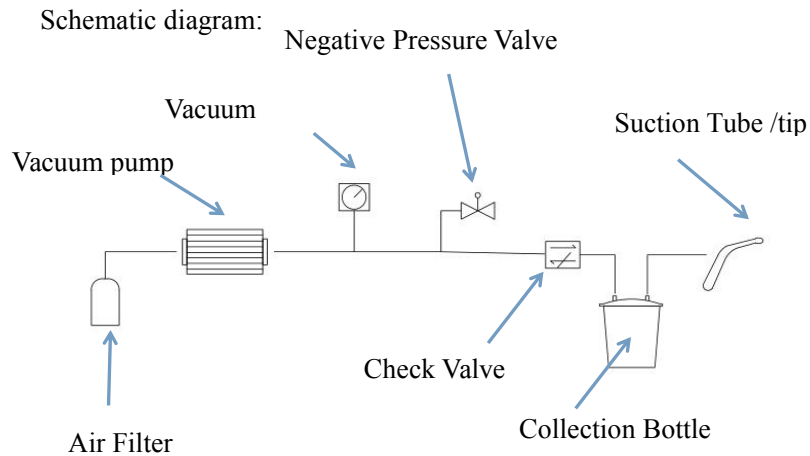
2.2.1 Product Structure



Note: due to the continuous product optimization ,the real product maybe have some different

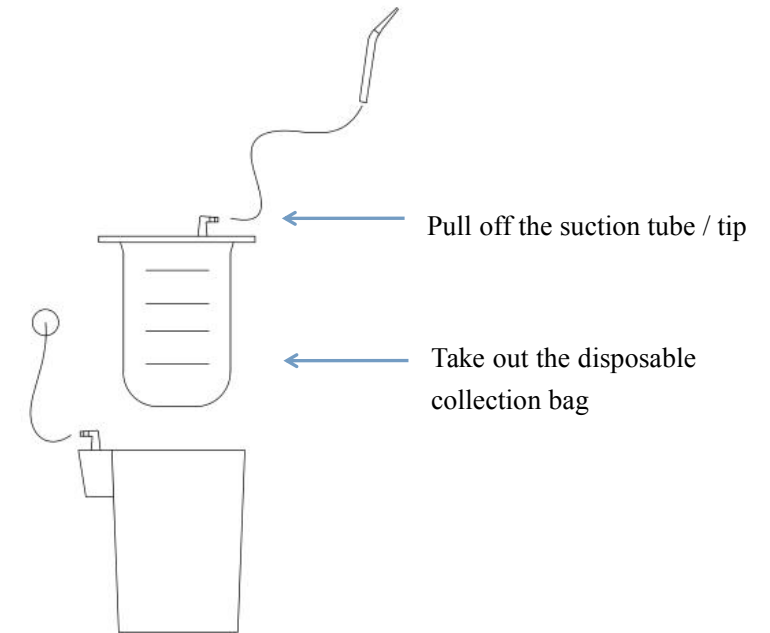
2.2.2 Working Principle

- The product structure is composed of piston pump, vacuum meter, negative pressure regulating valve, check valve, waste liquid collection bottle, suction pipe and foot switch.
- Adopt oil-free lubrication piston pump, without oil mist pollution.
- Acrylic panel, high-end atmosphere, fashionable shape.
- Low noise, high suction, foot switch control, convenient operation.
- Equipped with check valve to prevent liquid from flowing into the pump.
- The negative pressure regulating valve can adjust the any pressure according to the demand.



6、 Replace Consumable Material

- Note: the waste liquid collection bag, suction tube and suction head in this product are all disposable. Do not reuse it after cleaning, avoid to affect health and safety.
- Please turn off the power when replace the disposable consumable material
- Please replace the consumable material according to below operation:



Operate step:

1. Turn off the power.
2. Pull off the suction tube / tip from the disposable collection bag.
3. Take out the disposable collection bag.

5.8 Operate Method

This product adopts the power switch and foot switch to control on & off, the on & off mode can be switched any one.

The specific operations as follows

- Turn on the power, press the start button on the machine. At this time, the machine start working.
- When the machine work, gently step on the foot switch, the machine stop working

When the machine stop work, gently step the foot switch again , the machine start working again

3、 Main Parameter of the Product

Modle	Voltage	Power	Frequency	Rate Current	Max Vacuum
	220V±10%	100W	50 Hz	0.48 A	0.09Mpa
Air Flow	Noise	Bottle Capacity	Use life	N.W	Product size
20L/min	55dB	2L	5 Year	20KG	34*48.5*95cm

4、 Working Conditions

Ambient temperature range: +5 ° C ~ +40 ° C

relative humidity range: 30% - 80%

Atmospheric pressure range: 860hpa ~ 1060hpa

Note: if the storage temperature of the equipment is lower than 5 ° C, the equipment should be placed in the normal working temperature environment for more than 4 hours before use

5、 Product Acceptance

5.1 Before installing and debugging the product, first users should be check whether the product appearance is good, whether the type and quantity of accessories are consistent with the accessories list in the manual. If there is any

shortage or damage, please contact the supplier or manufacturer in time.

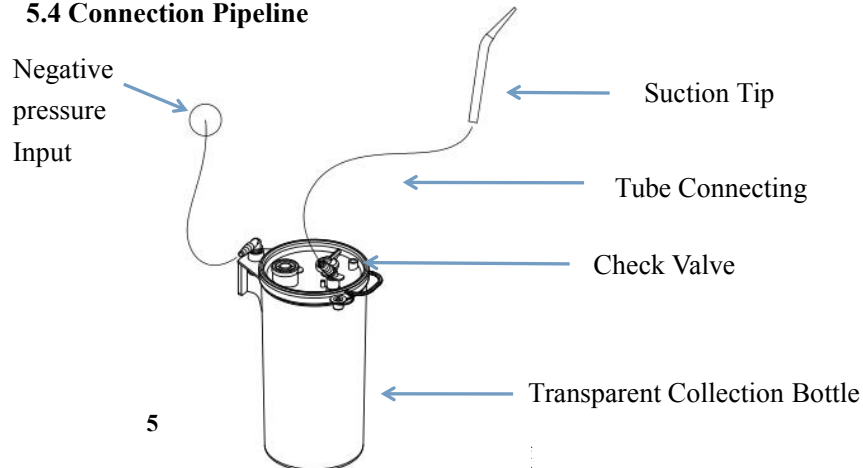
5.2 Identification check

After unpacking, please carefully check whether the nameplate, label and identification of the product are complete.

5.3 Accessories List

Item	Standard	Quantity
Suction machine host	host	1pcs
Transparent bottle	2L	1pcs
Disposable collection bag	2L	50pcs
Disposable suction tube	8*6	50pcs
Disposable suction tip	/	50pcs
Check valve		1pcs
Operate manual	/	1pcs
Warranty card	/	1pcs

5.4 Connection Pipeline



5.5 Connecting Power

Take out the power cable , turn on the the power switch, power indicator is on(power is on)。

Note: The power socket must have three core socket to ensure reliable grounding. It is forbidden to bend the ground wire insert and insert it into the two core socket.

5.6 Calibration pipeline

Turn the negative pressure regulating valve with clockwise to the maximum , block the suction tube / tip with your fingers

Turn on the equipment, the equipment start working without abnormal noise, the pointer on the vacuum meter will quickly rise to the limit negative pressure value.

Open the suction tube / tip, the meter needle will return to 0mpa, indicate the pipeline connection is correct.

5.7 Negative pressure regulation

- Block the suction inlet, turn on the power switch, adjust the negative pressure regulating valve, the negative pressure should be change within the range of 0~0.09mpa in the vacuum meter
- In clinical use, the negative pressure regulating valve is used to control the negative pressure value
- When the equipment is overloaded, do not shut down immediately. Turn off the power supply after the negative pressure value is close to 0.