

Suction Unit

Series of Equipment with High Vacuum

Series of Equipment with Low Vacuum

**Series of Electrically Powered Absorb
Phlegm Equipment**

**Series of Electrically Gastric Lavage
Equipment**

Series of Gynecology Aspirator

Series of Emergency Aspirator (AC-DC)

Catalogue

Mr. Andrew

General Manager

China Shikang Medical Equipment Group Limited

Tel:0086-574-87489856, Fax:0086- 574- 87489856

Mobile: 0086-18657415186 0086-13685829586

Msn: jiangxinggen1016@hotmail.com

Skype: Andrew4531

E-mail: info@worldhealthmed.com

Website:

<http://www.worldhealthmed.com>

Series of Equipment with High Vacuum

introduction: Providing extremely high vacuum and high flow -- the required vacuum is available within seconds; Able to absorb varied mucus rapidly from body cavity or wound to satisfy the demand of hospital, community medical treatment service center and so on..

1. Model WH980D Electric Suction Apparatus



Model **WH980D** Electric Suction Apparatus offers high vacuum and high flow with double piston cylinders. It rapidly builds up a powerful vacuum, and is especially used for surgical operations where large quantities of fluid must be suctioned out quickly. Advanced design idea as well as a perfect configuration performs satisfactory functions.

I FEATURES

1. Providing extremely high flow and efficient vacuum generation - the required vacuum is available within seconds; oil-less vacuum source and maintenance -free.
2. The level of vacuum required is controlled by the vacuum regulator and showed on the vacuum meter.
3. The overflow protection device prevents liquid or solid particles from entering the intermediate tubing; the bacterial filter for single use can eliminate airborne contamination.
4. Two transparent unbreakable jars graduated 4000 ml made of polycarbonate (PC) can be autoclavable.
5. Change-over valve offers for manual selecting collection jar rapidly; the rinsing-cup is used for placing catheter before or after operation.
6. The comfortable handle made of stainless make it easy to move about; the accessory-box back of the case is ready for laying foot-switch and power cord during movement or storage.

II SPECIFICATIONS

1. Max. vacuum: /0.09 MPa (680 mmHg)
2. Adjustable vacuum range: 0.02 MPa~0.09 MPa
3. Flow rate: /**80** L/min
4. Noise: ≤ 60 dB (A)
5. Jar : 4000 mL \times 2
6. Power supply: ~ 220 V 610%, 50Hz
7. Input power: 280 VA
8. G.W. : 29 kg
9. Dim: 49 cm \times 39 cm \times 94 cm

2. WH932S Portable Suction Apparatus



Model **WH932S** Portable Suction Apparatus offers high vacuum and high flow with double piston cylinders. It rapidly builds up a powerful vacuum within seconds. It provides flexible and combinable container system to satisfy various applications in clinic.

I FEATURES

1. Providing extremely efficient vacuum generation with maintenance- free and easy service.
2. The level of vacuum required is controlled by the vacuum regulator and showed on the vacuum meter.
3. The overflow protection device prevents liquid or solid particles from entering the intermediate tubing; the bacterial filter for single use can eliminate airborne contamination.
4. Five kinds of jar configuration make it flexible to select ,all jars available, made of polycarbonate (PC), are transparent , unbreakable and autoclavable.
5. A novel exterior, small size and light weight make it easy and comfortable to carry about.

II SPECIFICATIONS

1. Max. vacuum: 0.09 MPa (680 mmHg)
2. Adjustable vacuum range: 0.02 MPa~0.09 MPa
3. Flow rate: /32 L/min
4. Noise: ≤ 60 dB (A)
5. Jar: 2000 mL×1 (standard configuration)
6. Power supply: $\sim 220V \pm 10\%$, 50Hz
7. Input power: 150 VA
8. G.W. : 7 kg
9. Dimension: 620mm× 264mm×420mm

III SELECTIVE JAR CONFIGURATION

- 1000 mL×1
- 1000 mL×2
- 2000 mL×1
- 2000 mL×2
- 2000 mL+1000 mL

3. Model WH932D Electric Suction Apparatus



Model WH932D Electric Suction Apparatus,intended for extracting various mucus such as purulence,blood and phlegm from body cavity or wound in hospitals or center of social medical service,is a mobile suction unit with a high flow,high vacuum and a novel style.It can satisfy most demands in operating rooms. Wards and so on.

I Features:

1. An oil-less vacuum pump,double piston cylinder with a high flow, high vacuum, the pump needs maintenance free.
2. Move smoothly and freely with a swing-type pull handle;the accessory-case for placing foot-switch and power supply wire makes it convenient for movement or storage.
3. Large-bore and large capacity bottles with stopper having sealing ring,easy to clean and to open or close.
4. Effective overflow protection device prevents liquid entering pump reliably.
5. Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6. Air filter equipped reduces environmental pollution by bacterium from absorbed liquid.
7. Hand-switch and foot-switch installed in parallel can be selected at will.
8. Stability and durability ,low noise,safe and reliable to operate.

II.Specifications

1. Max.vacuum : $\geq 0.09\text{MPa}$ (680mmHg)
2. Adjustable vacuum Range : 0.02MPa - Max.Vacuum
3. Flowrate $\geq 30\text{L/Min}$
4. Noise: $\leq 60\text{dB(A)}$
5. Storage bottle :2000mL+1000mL
6. Power supply : AC220V $\pm 10\%$ 50Hz
7. Input :150VA
8. G.W.: 16kg
9. Dimension :400mm \times 440mm \times 510mm

4. Model WH940D Large Flow Aspirator



Model WH940D Large Flow Aspirator is a novel modeling, high vacuum, high flow, and transportable medical suction unit. It is able to absorb varied mucus rapidly from body cavity or wound, especially suitable for use in high capacity suction case.

I .Feature

1. Maintenance free, double piston cylinder, oil-less pump, and high flow rate, without pollution by oil mist.
2. The bottles hung beside the stand, easy to observe and operate.
3. Large-bore bottle with stopper having sealing ring is convenient to open and clean.
4. Overflow protection prevents liquid entering pump.
5. Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6. Air filter equipped reduces bacterium in absorbed liquid to environmental pollution.
7. Hand-switch and foot-switch installed in parallel can be selected at will.
8. Stability and durability, low noise, high capacity, easy to use.

II .Specifications

1. Max Vacuum: $\geq 0.09\text{MPa}$ (680mmHg)
2. Free air flow: $\geq 40\text{L/min}$
3. Liquid storage bottle: $3000\text{ml} \times 2$
4. Vacuum adjustable range: $0.02 \sim 0.09\text{MPa}$ (150 ~ 680mmHg)
5. Noise level: $\leq 60\text{dB(A)}$
6. Input: 250VA
7. Power supply: AC 220V $\pm 10\%$, 50Hz
8. Working system: continuous operation with intermittent loading
9. Dimension: $490\text{mm} \times 390\text{mm} \times 940\text{mm}$
10. G.W.: 29kg

5. Model WH930L Electric Suction Apparatus



Model WH930L Electric Suction Apparatus is a novel designed, high vacuum, high flow, and medical suction unit with mobile stand. It is able to absorb varied mucus rapidly from body cavity or wound, to satisfy most demands in operating rooms, wards and so on.

I .Feature

1. Maintenance free oil-less pump, high flow rate, without pollution by oil mist.
2. The bottles hung beside the unit, compact design, easy to carry.
3. Large-bore bottle with stopper having sealing ring is convenient to open and clean.
4. Overflow protection prevents liquid entering pump.
5. Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6. Air filter equipped reduces bacterium in absorbed liquid to environmental pollution.
7. Hand-switch and foot-switch installed in parallel can be selected at will.
8. Stability and durability, low noise, safe and reliable to operate.

II .Specifications

1. Max Vacuum: $\geq 0.09\text{MPa}$ (680mmHg)
2. Free air flow: $\geq 30\text{L/min}$
3. Liquid storage bottle: $2500\text{ml} \times 2$
4. Vacuum adjustable range: $0.02 \sim 0.09\text{MPa}$ (150 ~ 680mmHg)
5. Noise level: $\leq 60\text{dB(A)}$
6. Input: 250VA
7. Power supply: AC $220\text{V} \pm 10\%$, 50Hz
8. Working system: continuous operation with intermittent loading
9. Dimension: $585\text{mm} \times 385\text{mm} \times 400\text{mm}$
10. G.W.: 13kg

6. WH930D Electric Suction Apparatus



Model WH930D Electric Suction Apparatus is a beauty, high vacuum, high flow and transportable medical suction unit. It is able to absorb varied mucus rapidly from body cavity or wound, to satisfy most demands in operating rooms, wards and so on.

I. Feature

1. Maintenance free oil-less pump, high flow rate, without pollution by oil mist.
2. The bottles inserted in the tray, compact in size, easy to move.
3. Large-bore bottle with stopper having sealing ring is convenient to open and clean.
4. Overflow protection prevents liquid entering pump.
5. Transparent non-toxic PVC hoses and unique connection are easy to observe and link.
6. Air filter equipped reduces bacterium in absorbed liquid to environmental pollution.
7. Hand-switch and foot-switch installed in parallel can be selected at will.
8. Stability and durability, low noise, safe and reliable to operate.

II. Specifications

1. Max Vacuum: $\geq 0.09\text{MPa}$ (680mmHg)
2. Free air flow $\geq 30\text{L/min}$
3. Liquid storage bottle: $2500\text{ml} \times 2$
4. Vacuum adjustable range: $0.02 \sim 0.09\text{MPa}$ (150 ~ 680mmHg)
5. Noise level: $\leq 60\text{dB(A)}$
6. Input: 250VA
7. Power supply: $\text{AC}220\text{V} \pm 10\%$, 50Hz
8. Working system: continuous operation with intermittent loading
9. Dimension: $410\text{mm} \times 410\text{mm} \times 770\text{mm}$
10. G.W.: 23.5kg

7. Model WH920S Portable Aspirator



Model WH920S Portable Aspirator is novel, high vacuum, high flow, small-sized medical suction unit. It is able to absorb varied mucus rapidly from body cavity or wound, to satisfy most demands in hospitals and social medical services.

I .Feature

1. Maintenance free oil-less pump, high flow rate, without pollution by oil mist.
2. The bottles hung beside the unit, compact design, easy to carry.
3. Large-bore bottle with stopper having sealing ring is convenient to open and clean.
4. Overflow protection prevents liquid entering pump.
5. Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6. Air filter equipped reduces bacterium in absorbed liquid to environmental pollution.
7. Hand-switch and foot-switch installed in parallel can selected at will.
8. Stability and durability, low noise, safe and reliable to operate.

II . Specifications

1. Max Vacuum: $\geq 0.09\text{MPa}$ (680mmHg)
2. Free air flow: $\geq 20\text{L/min}$
3. Liquid storage bottle: 1000ml
4. Vacuum adjustable range: $0.02 \sim 0.09\text{MPa}$ (150 ~ 680mmHg)
5. Noise level: $\leq 60\text{dB(A)}$
6. Input: 150VA
7. Power supply: AC 220V $\pm 10\%$, 50Hz
8. Working system: continuous operation with intermittent loading
9. Dimension: 390mm \times 350mm \times 420mm
10. G.W.: 13kg

8. Model WH-DX23D Electric Suction Apparatus



Model WH-DX23D Electric Suction Apparatus is a high performance suction pump, designed to satisfy the demand for surgical procedures requiring fast suction and large collection capacity, It has a compact construction specialized for minimal space requirement and easy transportation between facilities.

I .Features

1. Efficient single rotor vacuum pump with oil impregnated vanes capable of producing a vacuum higher than 0.09MPa(680mmHg).and a suction flow more than 20 L/min.
2. Double 2500ml glass collection bottles to collect the sucked liquid,each of them calibrated in 100ml steps up.
3. Adjuster knob to regulate the precision vacuum gauge at the desired vacuum level form 0.02 to 0.09 Mpa(150~680mmHg).
4. No difficulty near or remote control as both hand-switch and foot-switch installed in parallet.
5. Ease in moving and storing by the casters and the foldable carrying handle.
6. Stability and durabiity.The unit is assured of long troublefree serving. With overflow protection and air filter.

II . Specifications

1. Max Vacuum: $\geq 0.09\text{MPa}(680\text{mmHg})$
2. Free airflow: $\geq 20\text{L/min}$ (in pump exit: $\geq 30\text{L/min}$)
3. Liquid storage bottle: $2500\text{ml} \times 2$
4. Power supply: $\text{AC}220\text{V} \pm 10\%$, 50Hz
5. Input: 280VA
6. Dimemnsion: $380\text{mm} \times 370\text{mm} \times 480\text{mm}$
7. G.W.: 19.5kg

9. Model WH-NKJX-2 Endoscope Suction Unit



Model WH-NKJX-2 Endoscope Suction Unit is specially designed for using suction of endoscope chamber. It can be used to suck out mucus from stomach and intestines, and many kinds of residual liquid. When endoscope is used in inspecting the stomach and intestines, colon, bronchus, etc., so that it can enhance the resolving power of imaging and the observing clarity, provided the means of therapy and treatment, to achieve the goal of examine accuracy in various diseases.

I .Feature

1. The suction velocity of this product is fast, the control of negative pressure is suitable and difficult to be absorbed by the inner wall, thus avoid injuring the soft tissues.
2. Two steps of suction are available separately used for stomach and intestine examination.
3. The suction can also be steplessly controlled between the maximum and the minimum.
4. This unit installs the filter to filtrate fog and precaution set to prevent liquid sucking into pump, and the safety set to avoid emerging positive pressure.
5. The construction of this unit is reasonable, operation is easy, usage is safe, reliable, and possess low noise, save electric consume, remove convenient, save labour.

II . Specifications

1. Max Vacuum: $\geq 0.085\text{MPa}$ (640mmHg)
2. Free airflow: $\geq 24\text{L/min}$
3. Liquid storage bottle: 1500ml $\times 2$
4. Value of negative pressure at stomach and intestines (for reference only)
Stomach: 0.04MPa (300mmHg)
Intestines: 0.08MPa (600mmHg)
5. Noise level: $\leq 60\text{dB(A)}$
6. Input: 250VA
7. Power supply: AC220V $\pm 10\%$, 50Hz
8. Dimension: 380mm \times 370mm \times 540mm
9. G.W.: 20kg

10. Model WH70-30 Electric Suction Apparatus



Model B70-30 Electric Suction Apparatus, a light, but powerful and easy to carry unit, is especially available for draining and removing blood, pus or secretion from the pleural cavity in emergency cases.

I . Specifications

1. Pump: rotary vane type
2. Max Vacuum: $\geq 0.09\text{MPa}$ (680mmHg)
3. Free airflow: $\geq 20\text{L/min}$ (in pump exit: $\geq 30\text{L/min}$)
4. Vacuum adjustable range: $0.02 \sim 0.09\text{MPa}$
5. Liquid storage bottle: $1000\text{ml} \times 2$
6. Power supply: $\text{AC}220\text{V} \pm 10\%$, 50Hz
7. Input: 280VA
8. Dimension: $480\text{mm} \times 340\text{mm} \times 370\text{mm}$
9. G.W.: 17kg

11. Model WH-DX23B Electirc Suction Apparatus



Electirc Suction Apparatus Model WH-DX23B,a powerful secretion suction unit,is designed especially to meet high demands in hospitals and doctor practice.

I .Features

1. Efficient single rotor vacuum pump with oil impregnated vanes is capable of a high flowrate and durability.
2. Pump runs practically with minimum noise.
3. Suction bottle provides automatic overflow cut off system.preventing liquid from flowing back into the pump.
4. The unit has an ideal volume of suction capacity,Vacuum pressure can be controlled optionally from 0.02 to 0.09 Mpa(150~680mmHg).
5. Due to the reasonable arrangement and appropriate height,it allows the operator to observe and examine from all directions.
6. The unit is simple to operate and easy to carry.
7. It is ideal for most in hospital applications.

III. Specifications

1. Max Vacuum: $\geq 0.09\text{MPa}$ (680mmHg)
2. Free airflow: $\geq 30\text{L/min}$
3. Liquid storage bottle: $2500\text{ml} \times 2$
4. Power supply: $\text{AC}220\text{V} \pm 10\%$, 50Hz
5. Input: 280VA
6. Dimemsion: $420\text{mm} \times 420\text{mm} \times 870\text{mm}$
7. G.W.: 29kg

12. Model WH930D-1A Electric Suction Apparatus



Model WH930D-1A Electric Suction Apparatus, with a trolley-style is a beauty, high vacuum, high flow medical suction unit. It is able to absorb varied mucus rapidly from body, cavity or wound, to satisfy most demands in operation rooms, wards and so on.

I Features:

1. Maintenance free oil-less pump, high flow rate, without pollution by oil mist.
2. Move smoothly and freely with pull handle, human-machine designing, structure of novelty.
3. Large-bore bottles made of PC plastics with high quality, convenient to clean, using safely.
4. Effective overflow protection device prevents liquid entering pump reliably.
5. Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6. Air filter equipped reduces environmental pollution by bacterium from absorbed liquid.
7. Hand-switch and foot-switch installed in parallel can be selected at will.
8. Stability and durability, low noise, safe and reliable to operate.

II. Specifications

1. Max. vacuum : $\geq 0.09\text{MPa}$ (680mmHg)
2. Adjustable vacuum Range : 0.02MPa - Max. Vacuum
3. Flowrate $\geq 30\text{L/Min}$
4. Noise: $\leq 60\text{dB(A)}$
5. Storage bottle : 2000mL+1000mL
6. Power supply : AC220V $\pm 10\%$ 50Hz
7. Input : 150VA
8. G.W.: 14.5kg
9. Dimension : 400mm \times 360mm \times 600mm

13. Model WH-DX23D-1A Electric Suction Apparatus



Electric Suction Apparatus model WH-DX23D-1A, a high vacuum, high flow medical suction unit with a trolley-style absorbs varied mucus rapidly from body cavity or wound to satisfy most demands in operation rooms, wards and so on.

I .Features

1. A oil-impregnated vanes pump, Large-bore bottle, transparent hoses and unique connections, unit case made of engineering plastics, external appearance novel, structure reasonable.
2. Two-stage overflow protection devices prevent liquid entering pump effectively; Air filter equipped reduces bacterium in absorbed liquid to environmental pollution.
3. compact, light weight, put-and-pull smoothly, convenient to move.

II .Specifications

1. Max. Vacuum: $\geq 0.09\text{MPa}$ (680mmHg)
2. Flowrate: $\geq 30\text{L/Min}$
3. Storage bottles: $2500\text{ml} \times 2$
4. Vacuum Adjustable Range: $0.02\text{Mpa} \sim \text{Max.vacuum}$
5. Noise: $\leq 60\text{dB(A)}$
6. Power supply: $\sim 220\text{V} \pm 10\%$, 50Hz
7. Input: 280VA
8. Dimension: $460\text{mm} \times 390\text{mm} \times 510\text{mm}$
9. G.W.: 19.5kg

14. Model WH-MDX23 Diaphragm Type Electric Suction Apparatus



It is designed especially for draining purulent blood and other phlegmatic secretion on operation room and emergency room in hospital.

I .Features

1. The diaphragm type pump in the aspirator is large in capacity, efficient and needs no lubricating.
2. The pump runs practically with minimum noise.
3. The suction bottle provides automatic over-flow cut-off system preventing liquid from flowing back into the pump.
4. It can be started and kept running at the maximum negative pressure. ($\geq 0.09\text{MPa}$)
5. The unit has an ideal volume of suction capacity. the vacuum pressure can be controlled optionally from $0.02\sim 0.09\text{MPa}$ ($150\sim 680\text{mmHg}$).
6. Due to the reasonable arrangement and appropriate height it allows the operator to observe and examine from all direction.
7. It is simple to operate and easy to carry.

II . Specifications

1. Max Vacuum: $\geq 0.09\text{MPa}$ (680mmHg)
2. Free airflow: $\geq 20\text{L/min}$ (in pump exit: $\geq 30\text{L/min}$)
3. Liquid storage bottle: $2500\text{ml} \times 2$
4. Power supply: $\text{AC}220\text{V} \pm 10\%$, 50Hz
5. Input: 380VA
6. Dimension: $530\text{mm} \times 480\text{mm} \times 890\text{mm}$
7. G.W.: 33kg

Series of Equipment with Low Vacuum

introduction: Some of the series are intended for continuous drainage after surgical operation such as for intestines, stomach, abdominal cavity and bladder. etc; and Some are intended for aspirating amniotic fluid and oral cavity mucus from new neonates or baby by caesarean birth

1. Model WH-DY-3 Low-Vacuum(Large Flow) Suction Unit



Low-Vacuum (High flow) Suction Unit Model DY-3 is the first generation Low Vacuum/High Flow aspirator that is designed by the Medical Suction Apparatus Factory of SMIC. And it can be used for postoperatively suctioning in gastroenteric, thoracic and celiac cavity or in the Dept. of surgery, internal medicine, and paediatrics.

I .Feactures

- 1、 Safely powered by electromagnetic pump which requires no lubrication or daily maintenance can be continuously used for a long-time. No positive pressure producing, it is secure for patients.
- 2、 Overflow protection device can safely and efficiently prevent the liquid from entering into pump. And the air emitted by the pump is prefiltered by a bacterial filter which provides an effective barrier against contamination and protection to the environment.
- 3、 Vacuum regulator with a locked set can be optionally regulated according to requirements. And it can efficiently prevent the regulator knob moving by mistake.
- 4、 Autoclavable, transparent plastic bottle is more convenient for disassembly, cleaning and carrying.
- 5、 Body made of plastic material is light, compact, and convenient for carrying and operating,

II .Specifications

- 1、 Max. vacuum: 17KPa~20KPa (128mmHg~150mmHg)
- 2、 Vacuum range: 2kPa(15 mmHg)~Max. vacuum
- 3、 Flow rate: $\geq 25\text{L/min}$
- 4、 Noise: $\leq 55\text{dB(A)}$
- 5、 Jar capacity: 1000mL (polycarbonate)
- 6、 Power supply: AC 220V $\pm 10\%$, 50Hz
- 7、 Power input: 100VA
- 8、 G.W.: 6.3kg; N.W.: 4.3 kg
- 9、 Dimension: 21 cm \times 14 cm \times 30 cm

2. Model WH-DYX-1A Low-Vacuum(Amniotic Fluid) Suction Unit



Low-Vacuum (Amniotic Fluid) Suction Unit Model DYX-1A is a special apparatus that is used for sucking amniotic fluid and phlegm from neonates and infants born by cesarean section. It can also be used for postoperatively suctioning in gastroenteric, thoracic and celiac cavity or in the Dept. of surgery and internal medicine.

I .Features

- 1、 Safely powered by electromagnetic pump, no positive pressure producing.
- 2、 The air emitted by the pump is prefiltered by a bacterial filter which provides an effective barrier against contamination and protection to the environment.
- 3、 Vacuum regulator with a locked set can be optionally regulated according to requirements.
- 4、 Transparent plastic bottle with overflow preventive valve can be sterilized. The unit comes complete with a choice of 1000mL or 2000mL capacity jar.
- 5、 Body made of plastic material is light, compact, and convenient for carrying and operating,

II .Specifications

- 1、 Max. vacuum: $\geq 18 \pm 1.5 \text{ KPa} (135 \pm 11 \text{ mmHg})$
- 2、 Vacuum range: $2 \text{ kPa} (15 \text{ mmHg}) \sim \text{Max. vacuum}$
- 3、 Flow rate: $\geq 6 \text{ L/min}$
- 4、 Noise: $\leq 55 \text{ dB(A)}$
- 5、 Jar capacity: 1000mL (PC)
- 6、 Power supply: AC $220 \text{ V} \pm 10\%$, 50Hz
- 7、 Power input: 30VA
- 8、 G.W.: 3.5kg; N.W.: 2.5 kg
- 9、 Dimension: $40 \text{ cm} \times 19 \text{ cm} \times 33 \text{ cm}$

3. Model WH-DY-1A Low-Pressure Suction Apparatus



Low-Pressure Suction Apparatus model WH-DY-1A is intended for continuous suction after operation for intestines, stomach and thoracic and celiac cavity or in the Dept. of surgery, internal medicine and pediatrics.

I .Feature

1. Powered by electromagnetic pump, no positive pressure producing.
2. Stopping and alarming automatically when the storage bottle is full of liquid.
3. Air filter equipped reduces bacterium in absorbed liquid to environmental pollution.
4. Compact, lightweight, plastic liquid bottle and unit case, easy to carrying.

II .Specifications

1. Max.vacuum: $\geq 18 \sim 20$ kPa
2. Adjustable vacuum: 2 kPa \sim Max.vacuum
3. Flowrate: ≥ 5 L/min
4. Noise: ≤ 55 dB(A)
5. Storage bottle: 1000 mL
6. Power supply: ~ 220 V $\pm 10\%$, 50 Hz
7. Input power: 30 VA
8. G.W.: 4.8 kg
9. Dimension: 500 mm \times 260 mm \times 350 mm

4. Model WH-DWJ-1 Electric Stomach-intestines Decompression Suction Unit



The Electric Stomach-intestines Decompression Suction Unit Model WH-DWJ-1 is suitable for use in gastrointestinal decompression suction posterior to such abdominal surgeries as gastrectasia, ileus, intestinal fistula, and gastrectomy.

I .Feature

1. The Unit is characterized by such features as low noise, small size, light weight, freedom from wear, no need for oil-filling, and easy to carry. It can also be used for long-term sustained suction.
2. There are available two kinds of negative pressure adjustment, coarse (in 3 steps of weak, medium and strong) and fine, and the negative pressure can be regulated at will according to requirement.
3. The unit is provided with liquid-full auto-stop and alarm devices, so there is no need for special personnel to take care of it. The extremely low noise does not interfere with the rest and sleep of patients.

II .Specifications

1. Power supply: AC220V \pm 10%, 50Hz
2. Input: 30VA
3. Max Vacuum: \geq 16kPa (120mmHg)
4. Vacuum adjustable range: 0~16kPa (0~120mmHg)
5. Amount of water sucked: \geq 700ml/min (strong)
 \geq 200ml/min (weak)
6. Noise level: \leq 55dB(A)
7. Dimension: 400mm \times 190mm \times 330mm
8. G.W.: 6kg

5. Model WH-DYX-1 Electric Amniotic Fluid Suction Unit



The Electric Amniotic Fluid Suction Unit WH-DYX-1 is a special apparatus for sucking amniotic fluid and oral cavity mucus from neonates and infants born from cesarean section.

I .Feature

1. The unit is characterized by such features as low noise,small size,light weight,freedom from wear,no need for oil-filling,and easy to carry.It can also be used for long-term sustained suction.
2. There are available two kinds of negative pressure adjustment,coarse(in 3 steps of weak,medium and strong)and fine,and the negative pressure can be regulated at will according to requirements.
3. The unit is provided with liquid-full auto-stop and alarm devices,so there is no need for special personnel to take care of it, The extremely low noise does not interfere with the rest and sleep of patients.

II .Specifications

1. Power supply:AC220V \pm 10%, 50Hz
2. Input:30VA
3. Max Vacuum: \geq 18kPa(135mmHg)
4. Vacuum adjustable range: 0 \sim 18KPa(135mmHg)
5. Amount of water sucked: \geq 700ml/min(strong)
 \geq 200ml/min(weak)
6. Noise level: \leq 55dB(A)
7. Dimemsion:400mm \times 190mm \times 330mm
8. G.W.: 6kg

6. Model WH-DY-1 Low-pressure Suction Apparatus



Low-pressure Suction Apparatus Model WH-DY-1 is devised to use when a patient's secretion should be drained for a long time at low-pressure vacuum after surgical operations. It reduces pain to the minimum and saves the labour of physicians.

I .Feature

1. Continuous draining for an extended period in steadiness.
2. Negative pressure adjustable in strong, medium and weak steps down and max liquid suction capacity no less than 700ml/min
3. Safe, simple operation, and patient's rest or sleep undisturbed with low noise running.
4. No case required, the machine stops and alarms automatically when the bottle with liquid full to the brim.

II .Specifications

1. Power supply: AC220V \pm 10%, 50Hz
2. Input: 30VA
3. Max Vacuum: 15 ± 1.5 kPa (110 ± 11 mmHg)
4. Amount of water sucked: ≥ 700 ml/min (strong)
 ≥ 200 ml/min (weak)
5. Noise level: ≤ 55 dB(A)
6. Dimension: 400mm \times 190mm \times 330mm
7. G.W.: 7kg

8. Model WH.DH-1 Low Constant Pressure Suction Unit



Model WH.DH-1 Low Constant Pressure Suction Unit is a brand new low pressure suction apparatus, designed with integrated circuits and sensor-controlling technology. It features rapid rise in vacuum, high suction speed, extremely low noise and etc., and will not get sucked tightly to the surface of organs, thus avoiding injury or hindrance to drainage. YB.DH-1 is a handy instrument for treatment of successive suction and drainage for hospitals and clinics, applicable to the running drainage after the operation in intestines, stomach, chest, abdomen, bladder and others, and helpful in surgery, internal medicine, gynecology, pediatrics and etc.

I .Feature

1. Compact and novel in design, easy and simple to handle, and extremely low noise, without disturbing patients rest or sleep.
2. Able to operate protractedly with stable performance, and convenient for continuous drainage to air or liquid.
3. As the vacuum level can be adjusted as required, the unit stops by itself on reaching the level set up, and resumes running below the level—due to high precision pressure sensors that makes the set-up vacuum level steady and reliable.
4. Tactfully designed non-lubricant vacuum pump, needs no oiling, without wearing, so no maintenance, but easy for cleaning, averting pollution; and, what's more, capable in big and speedy suction flow.
5. Double overflow protection devices are intended to prevent liquid or solid particles from entering the vacuum pump.
6. Under-vacuum light alarm and overvacuum sound-light alarm are incorporated in.
7. A vacuum discharge valve is fitted, and used when the unit needs to adjust its vacuum from high to low level.
8. The introduction of integrated-circuits and sensor-control makes the unit reliable and stable.

II .Specifications

1. Pump: non-lubricant vacuum pump
2. Max Vacuum: $\geq 20\text{kPa}$ (150mmHg)
3. Sucked liquid volume: $\geq 1500\text{ml/min}$
4. Vacuum adjustable range: $2.5 \sim 20\text{kPa}$ (20 \sim 150mmHg)
5. Noise: $\leq 50\text{dB(A)}$
6. Power supply: AC220V $\pm 10\%$, 50Hz
7. Input: 30VA
8. Liquid storage bottle: 1000ml
9. Dimension: $420\text{mm} \times 320\text{mm} \times 420\text{mm}$
10. G.W.: 10kg

Series of Electrically Powered Absorb Phlegm Equipment

introduction: Intended for oro-pharyngeal suction--- to aspirate secretion, blood and vomitus from pharyngeal cavity

1. Model WH-SXT-5A Portable Absorb Phlegm Unit



Portable Absorb Phlegm Unit model WH-SXT-5A is the latest High Vacuum/High Flow absorb phlegm unit, and designed for aspirating various mucus such as grume and phlegm from patient's, infants' or young children' throat. It is widely used for emergency treatment in various hospital, first-aid conditions or center of social medical service

I .Feactures

- 1、 Long life single piston cylinder which requires no lubrication or daily maintenance produces no pollution to the environment.
- 2、 High flow, high vacuum, good performance and fast vacuum build-up. The vacuum can be regulated by the vacuum regulator according to the requirement, and displayed by the vacuum gauge.
- 3、 Overflow protection device can safely and efficiently prevent the liquid from entering into the pump.
- 4、 Body made of plastic material is light, compact, and convenient for carrying and operating.
- 5、 Autoclavable, transparent plastic bottle is more durable and more convenient for cleaning.

II .Specifications

- 1、 Max. vacuum: $\geq 0.08\text{MPa}$ (600mmHg)
- 2、 Vacuum range: $0.02\text{MPa}(150\text{mmHg}) \sim \text{Max. vacuum}$
- 3、 Flow rate: $\geq 20\text{L/min}$
- 4、 Noise: $\leq 60\text{ dB(A)}$
- 5、 Jar capacity: 1000mL (polycarbonate)
- 6、 Power supply: $\text{AC}220\text{V} \pm 10\%$, 50Hz
- 7、 Power input: 110VA
- 8、 G.W.: 6.0 kg; N.W.: 4.0 kg
- 9、 Dimension: $21\text{ cm} \times 14\text{ cm} \times 30\text{ cm}$

2. Model WH-SXT-3A Portable Absorb Phlegm Unit



Portable Absorb Phlegm Unit model SXT-3A is the latest Medium Vacuum/High Flow absorb phlegm unit, and designed for aspirating various mucus such as grume and phlegm from the patient's throat. It is widely used for emergency treatment in various hospital, first-aid conditions or center of social medical service.

I .Feactures

- 1、 Long life electromagnetic pump which can be continuously used for a long-term and require no lubrication or daily maintenance produces no pollution to the environment.
- 2、 High flow, high suction performance and fast vacuum build-up.
- 3、 Overflow protection device can safely and efficiently prevent the liquid from entering into the pump.
- 4、 Body made of plastic material is light, compact, and is convenient for carrying and operating. Transparent plastic bottle that can be sterilized is more durable and more convenient for cleaning.

II .Specifications

- 1、 Max. vacuum: $\geq 0.05\text{MPa}$ (375mmHg)
- 2、 Vacuum range: $0.02\text{MPa}(150\text{mmHg}) \sim \text{Max. vacuum}$
- 3、 Flow rate: $\geq 35\text{L/min}$
- 4、 Noise: $\leq 60\text{ dB(A)}$
- 5、 Jar capacity: 1000mL (PC)
- 6、 Power supply: $\text{AC}220\text{V} \pm 10\%$, 50Hz
- 7、 Power input: 100VA
- 8、 G.W.: 6.3 kg; N.W.: 4.3 kg
- 9、 Dimension: $21\text{ cm} \times 14\text{ cm} \times 30\text{ cm}$

3. Model WH-SXT-2 Portable Absorb Phlegm Unit



Model WH-SXT-2 portable absorb Phlegm Unit is a new product designed with the introduction of the advance technology from abroad, The unit has powerful vacuum and high suction rate, capable of sucking thick phlegm and mucus to relieve patients of pains caused by phlegm choke, especially for those who need first aid, thus taking a turn for the better and being out of danger. Besides, it features compact in size, light in weight and easy to carry, an ideal medical apparatus for first aid and nursing in hospitals.

I .Feature

1. A non-lubricant pump is adopted in the unit, preventing the environment from pollution by oil mist.
2. Never produces positive pressure. thus assuring safe and reliable application.
3. Unique designed regulating valve, minimizing the output flow loss.
4. Compact in size, easy to carry and simple operation.

II . Specifications

1. Max Vacuum: $\geq 0.08\text{MPa}(600\text{mmHg})$
2. Free airflow: $\geq 18\text{L/min}$
3. Liquid storage bottle: 1500ml
4. Noise: $\leq 60\text{dB(A)}$
5. Power supply: $\text{AC}220\text{V} \pm 10\%$, 50Hz
6. Input: 110VA
7. Dimention: $500\text{mm} \times 260\text{mm} \times 350\text{mm}$
8. G.W.: 9kg

4. Model WH-SXT-1 Portable Absorb Phlegm Unit



Model WH-SXT-1 Portable Absorb Phlegm Unit is a new product designed with the introduction of the advanced technology from abroad, The unit has powerful vacuum and high suction rate, capable of sucking thick phlegm and mucus to relieve patients of pains caused by phlegm choke, especially for those who need first aid, thus taking a turn for the better and being out of danger. Besides, it features compact in size, light in weight and easy to carry, and ideal medical apparatus and at home.

I .Feature

1. A non-lubricant pump is adopted in the unit, preventing the environment from pollution by oil mist.
2. Never produces positive pressure, thus assuring safe and reliable application.
3. Unique designed regulating valve, minimizing the output flow loss.
4. Compact in size, easy to carry and simple operation.

II . Specifications

1. Max Vacuum: $\geq 0.08\text{MPa}$ (600mmHg)
2. Free airflow: $\geq 18\text{L/min}$
3. Liquid storage bottle: 1000ml
4. Noise: $\leq 60\text{dB(A)}$
5. Power supply: $\text{AC}220\text{V} \pm 10\%$, 50Hz
6. Input: 110VA
7. Dimension: $450\text{mm} \times 230\text{mm} \times 380\text{mm}$
8. G.W.: 8.5kg

5. Model WH-RX-1A Children Absorb Phlegm Unit



Children Absorb Phlegm Unit model WH-RX-1A, with a medium vacuum is designed especially for children to extract various mucus from children's throat and widely used for emergency treatment, first-aid conditions or center of social medical service.

I .Feature

1. Oil-less vacuum source with a piston cylinder, pump needs maintenance free and easy service.
2. The overflow protection device prevents liquid or solid particles from entering the intermediate tubing; the air filter reduces contamination to the environment.
3. Compact, lightweight, plastic liquid bottle and unit case, convenient for carrying.

II . Specifications

1. Max.vacuum: $\geq 0.075\text{MPa}(560\text{mmHg})$
2. Adjustable vacuum: $0.015\text{Mpa}(110\text{mmHg}) \sim \text{Max.vacuum}$
3. Flow rate: $\geq 14\text{L/min}$
4. Noise: $\leq 55\text{dB(A)}$
5. Storage bottle: 1000mL
6. Power supply: $\sim 220\text{V} \pm 10\%$, 50Hz
7. Input power: 110VA
8. G.W.: 6.2kg
9. Dimension: $500\text{mm} \times 260\text{mm} \times 350\text{mm}$

6. Model WH-SXT-1A Portable Absorb Phlegm Unit



Portable Absorb Phlegm Unit model WH-SXT-1A, designed for extracting various mucus such as grume and thick phlegm from patient's throat. It is widely used for emergency treatment in various hospital, first-aid conditions or center of social medical service.

I .Feature

1. Oil-less vacuum source with a piston cylinder, pump needs maintenance free and easy service.
2. The overflow protection device prevents liquid or solid particles from entering the intermediate tubing; the air filter reduces contamination to the environment.
3. Compact, lightweight, plastic liquid bottle and unit case, convenient for carrying.

II . Specifications

1. Max.vacuum: $\geq 0.08\text{MPa}(600\text{mmHg})$
2. Adjustable vacuum: $0.02\text{Mpa}(150\text{mmHg}) \sim \text{Max.vacuum}$
3. Flow rate: $\geq 18\text{L/min}$
4. Noise: $\leq 60\text{dB(A)}$
5. Storage bottle: 1000mL
6. Power supply: $\sim 220\text{V} \pm 10\%$, 50Hz
7. Input power: 110VA
8. G.W.: 6.1kg
9. Dimension: $550\text{mm} \times 264\text{mm} \times 365\text{mm}$

7. Model WH-TX-1 Table Absorb Phlegm Unit



Model WH-TX-1 Table Absorb phlegm Unit is a new product designed with the introduction of the advanced technology from abroad. The unit has powerful vacuum and high suction rate, capable of sucking thick phlegm and mucus to relieve patients of pains caused by phlegm choke, especially for those who need first aid. Thus taking a turn for the better and being out of danger. Besides, it features compact in size, light in weight and easy to carry, an ideal medical apparatus for first aid and nursing in hospitals and at home.

I .Feature

1. A non-lubricant pump is adopted in the unit, preventing the environment from pollution by oil mist.
2. Never produces positive pressure, thus assuring safe and reliable application.
3. Unique designed regulating valve, minimizing the output flow loss.
4. Compact in size, easy to carry and simple operation.

II . Specifications

1. Max Vacuum: $\geq 0.08\text{MPa}(600\text{mmHg})$
2. Free airflow: $\geq 18\text{L/min}$
3. Liquid storage bottle: 1000ml
4. Noise: $\leq 60\text{dB(A)}$
5. Power supply: $\text{AC}220\text{V} \pm 10\%$, 50Hz
6. Input: 110VA
7. Dimension: $490\text{mm} \times 270\text{mm} \times 310\text{mm}$
8. G.W.: 8kg

8. Model WH-RX-1 Children Absorb Phlegm Unit



Model WH-RX-1 Children Absorb Phlegm unit is specially designed for absorbing the thick phlegm and mucus in throat of children patient caused by phlegm choke in hospitals.

The unit features high suction speed, small in size, low noise and easy to carry and etc, it is an ideal medical apparatus for first aid and nursing of children.

I .Feature

1. A non-lubricant pump is adopted in the unit, preventing the environment from pollution by oil mist.
2. Never produces positive pressure, thus assuring safe and reliable application.
3. Unique designed regulating valve, minimizing the output flow loss.
4. Compact in size, easy to carry and simple operation.

II . Specifications

1. Max Vacuum: $\geq 0.075\text{MPa}$ (560mmHg)
2. Vacuum adjustable range: 0.015MPa (110mmHg) \sim Max Vacuum
3. Free airflow: $\geq 10\text{L/min}$
4. Liquid storage bottle: 1000ml
5. Noise: $\leq 55\text{dB(A)}$
6. Power supply: $\text{AC}220\text{V} \pm 10\%$, 50Hz
7. Input: 110VA
8. Dimension: $370\text{mm} \times 280\text{mm} \times 350\text{mm}$
9. G.W.: 8.5kg

9. Model WH-DXT-1 Electric Absorb Phlegm Apparatus



The Electric Absorb Phlegm Apparatus Model WH-DXT-1 is specially designed for the ejection drainage of Phlegm form the patient. It helps alleviate the pain of patients, especially first aid patients, with blockage of phlegm. The device is capable of ejecting thick phlegm and mucus rapidly, this brings the patient in crisis again to safety.

The product can also be used in the operation room, emergency room ICU, as well as general wards for the purpose of aspiration.

I .Feature

1. The negative pressure regulating system can be controlled steplessly according to the viscosity of the phlegm and mucus for the selection of required negative pressure value. Normal phlegm aspiration: 0.027~0.053(200~400mmHg)Mpa; maximun negative pressure value for emergency phlegm aspiration: 0.08MPa(600mmHg).
2. The apparatus is equipped with mist filtering and safety device preventing liquid from being sucked into the pump.
3. The unit features convenient operation, safety in use, low noise, low power consumption, and easy to carry.

II .Specifications

1. Max Vaccum: $\geq 0.08\text{Mpa}(600\text{mmHg})$
2. Free air flow $\geq 22\text{L}/\text{min}$
3. Liquid storage bottle: $1000\text{ml} \times 2$
4. Vacuum adjustable range: $0.02 \sim 0.08\text{MPa}(150 \sim 600\text{mmHg})$
5. Noise level: $\leq 60\text{dB(A)}$
6. Input: 250VA
7. Power supply: $\text{AC}220\text{V} \pm 10\%$, 50Hz
8. Dimemsion: $370\text{mm} \times 320\text{mm} \times 340\text{mm}$
9. G.W.: 15kg

Series of Electrically Gastric Lavage Equipment

introduction: Intended for saving lives of patients who have taken poison or had toxic food in emergency cases and also for gastric lavage before operation in hospital or first-aid situation

1. Model WH-DXW-2A Automatic Gastric Lavage



Automatic Gastric Lavage Apparatus

model WH-DXW-2A, a modern and ideal lavage apparatus, is intended for saving lives of patients who have taken poison or had toxic food in emergency cases and also for gastric lavage before operation in hospital or first-aid station. It adopts an advanced pressure feedback system to perform automatic gastric lavage reliably.

Features:

1. The working system of the unit, powered by a diaphragm pump, carries out the function of rinsing and suction by controlling the circuit to lavage through out.
2. Pressure sensor and CPU are applied to the electrical control, which makes the conversion between rinse and suction more safe and reliable.
3. Conversion jars of quantitative volume type make the liquid capacity of suction and rinse more stable.
4. Commutator and pressure control system make the pipeline straightforward.
5. The states of counter and simulation pressure shown on the operation board enhanced the function of interface between user and machine, which enables the operator to know the status of gastric lavage.

6. The manual liquid capacity balance device can solve the problem of imbalance between rinse capacity and suction resulting from the difference between the substances inside the stomach.
7. Compact, light and handy, operating facilely, performances of high quality, safe and reliable.

II. Specifications

1. Flow rate: $\geq 2\text{L/min}$
2. Rinse capacity: 250-350ml;
Suction Capacity: 350-450ml
3. pressure control: positive & negative setting level 47~67kpa
4. Noise: $\leq 60\text{dB(A)}$
5. Cycle of lavage: $< 20\text{s}$
6. Power supply: $\sim 220\text{v} \pm 10\%$ 、50Hz
7. Input: 110VA
8. G.W.: 12kg
9. Dimension: $500\text{mm} \times 420\text{mm} \times 310\text{mm}$

2. Model WH-DXW-1A Electirc Wash Machine for Stomach



Electirc Wash Machine for Stomach model WH-DXW-1A, is intended for saving lives of patients who have taken poison or had toxic food in emergency cases and for washing stomach befroe operation in hospitals.

I .Feature

1. Powered by electromagnetism pump and carries out double function of rinse and suction to wash stomach through out.
2. The unit case made of engineering plastics,external appearance novel and smoothly.Operating tray can be placed on top of the unit case that provides facility.
3. The working system of pressure controlling designed strictly as to adjust the rinse or suction pressure according to the requirement in clinic.
4. Alert device makes it convenient for trouble shooting and service.

II . Specifications

1. Flow Rate: $\geq 2\text{L/min}$
2. Auto-Control:
Capacity of rinse:250~350mL
Capacity of suction:300~450mL
3. Pressure control:
positive & negative pressure setting level 47~67KPa
4. Noise: $\leq 60\text{dB(A)}$
5. Storage Bucket:10L \times 2
6. Power supply: $\sim 220\text{V} \pm 10\%$, 50Hz
7. Input power: 250VA
8. G.W.: 27kg
9. Dimension: 540mm \times 490mm \times 930mm

3. Model WH-DXW-A Electric Wash Machine For Stomach



This machine is designed especially for saving lives of patients who have drunk toxicant or taken toxic food in emergency cases and for washing stomach before operation in hospitals.

I .Feature

1. Compact in structure,novel style,easy to run and convenient to move.
2. Swift and clean to wash the stomach,low in side effect and no injury to the mucosity of the stomach wall.
3. Available for functional control either by hand or automatic and easy to adjust.

II . Specifications

1. Power supply: AC220v \pm 10%,50Hz
2. Input:250VA
3. Volume of flow \geq 2L/min
4. Automatic control:
amount of rinse solution:250~350ml
amount of suction solution is 50~150ml
more than amount of rinse solution
5. Pressure control:
positive & negative pressure setting level: 47~67KPa
6. Noise: \leq 60dB(A)
7. Dimension:540mm \times 490mm \times 930mm
8. G.W.:27kg

Series of Gynecology Aspirator

introduction: Specially intended for gynecological operation suction in hospitals such as artificial abortion of early pregnancy or for removing postpartum remainder. Moreover, wide variety of applications is also recommended in other fields

1. Model WH840D Gynecology Aspirator



Model WH840D Gynecology Aspirator is specially designed for gynecological operation in hospitals and clinics, is a novel transportable medical suction unit, applicable to the artificial abortion of early pregnancy, the extraction of foetus when puerperal childbirth, and removing postpartum remainder. Moreover, wide variety of applications is also recommended in other fields.

I. Feature

1. Maintenance free, oil-less pump, high flow rate, without pollution by oil mist.
2. Operating tray mounted on top of the unit case provides facility.
3. Large-bore bottle with stopper having sealing ring is convenient to open and clean.
4. Overflow protection prevents liquid entering pump.
5. Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6. Air filter equipped reduces bacterium in absorbed liquid to environmental pollution.
7. Hand-switch and foot-switch installed in parallel can be selected at will.
8. Stability and durability, low noise, safe and reliable to operate.

II. Specifications

1. Max Vacuum: $\geq 0.08\text{MPa}$ (600mmHg)
2. Free air flow: $\geq 40\text{L/min}$
3. Liquid storage bottle: $1500\text{ml} \times 2\text{pc}$
4. Vacuum adjustable range: $0.02 \sim 0.08\text{Mpa}$ (150 ~ 600mmHg)
5. Noise level: $\leq 60\text{dB(A)}$
6. Input: 250VA
7. Power supply: AC $220\text{V} \pm 10\%$, 50Hz
8. Working system: continuous operation with intermittent loading
9. Dimension: $480\text{mm} \times 420\text{mm} \times 880\text{mm}$
10. G.W.: 30.5kg

2. Model WH840L Gynecology Aspirator



Model WH840L Gynecology Aspirator is specially designed for gynecological operation in hospitals and clinics, is a novel transportable medical suction unit, applicable to the artificial abortion of early pregnancy, the extraction of fetus when puerperal childbirth, and removing postpartum remainder. Moreover, a wide variety of applications is also recommended in other fields.

I. Feature

1. Maintenance free oil-less pump, high flow rate, without pollution by oil mist.
2. The bottles hung beside mobile stand, easy to observe and operate.
3. Large-bore bottle with stopper having sealing ring is convenient to open and clean.
4. Overflow protection prevents liquid entering pump.
5. Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
6. Air filter equipped reduces bacterium in absorbed liquid to environmental pollution.
7. Hand-switch and foot-switch installed in parallel can be selected at will.
8. Stability and durability, low noise, safe and reliable to operate.

II. Specifications

1. Max Vacuum: $\geq 0.08\text{MPa}$ (600mmHg)
2. Free air flow $\geq 40\text{L/min}$
3. Liquid storage bottle: $1500\text{ml} \times 2$
4. Vacuum adjustable range: $0.02 \sim 0.08\text{MPa}$
(150 ~ 600mmHg)
5. Noise level: $\leq 60\text{dB(A)}$
6. Input: 250VA
7. Power supply: $\text{AC}220\text{V} \pm 10\%$, 50Hz
8. Working system: continuous operation with intermittent loading
9. Dimension: $585\text{mm} \times 390\text{mm} \times 400\text{mm}$
10. G.W.: 17kg

3. Model WH-LX-3 Electric Abortion Suction Unit



Model WH-LX-3 Electric Abortion Suction Unit is specially designed for the artificial abortion of early pregnancy in hospitals and clinics, Moreover, wide variety of applications is also recommended in other fields.

I .Features

1. New type of abortion aspirator with superior quality and reliable function.
2. Application of up-to-date technology to warrant it durable and reliable.
3. Low noise running and time cut-off keeping no disturbing noise during operation.
4. Suction pressure adjustable from 0~0.09MPa(0~680mmHg) through the foot switch.
5. Double vacuum gauges equipped for supervising suction pressure in reservoir bottle.
6. Modern cabinet design with a molded instrument tray on top and a storage compartment for supplies and accessories.

II . Specifications

1. Pump: rotary vane type
2. Max Vacuum: $\geq 0.09\text{MPa}$ (680mmHg)
3. Suction rate: $\geq 30\text{L/min}$ (terminal: $\geq 15\text{L/min}$)
4. Liquid storage bottles: 500ml \times 2
5. Reserve bottles: 2500ml \times 2
6. Power supply: AC220V $\pm 10\%$, 50Hz
7. Input: 280VA
8. G.W.: 40kg
9. Dimension: 540mm \times 490mm \times 860mm

4. Model WH920S-1 Gynecology aspirator



Gynecology aspirator model WH920S-1 is a novel, high vacuum, high flow, small-sized medical suction unit. It is intended for obstetrical operation such as early artificial interruption of pregnancy and removal of the residua after postpartum in various hospital or health care facilities. It is also adequate for other surgery suction when equipped with matching catheters.

Features:

1. Oil-less vacuum source with a high flow, double piston cylinder, pump needs maintenance free and easy service.
2. Large-bore bottles made of PC plastics with high quality, convenient to clean, using safely, especially adequate for field or/and transport use. The liquid filter can be assembled according to the requirement for sample selected in clinic.
3. The overflow protection device is intended to prevent liquid or solid particles from entering the intermediate tubing; the air filter can reduce contamination to the environment.
4. The back-valve fitted in the pipe system makes it more safety and reliable to operate during halting, and the vacuum regulator controls the level of vacuum required in clinic by adjusting the regulator knob.
5. Vacuum release valve fitted on the foot-switch uses for adjusting the vacuum from high to low when halting, and also uses for the pressure releasing applied to the patient.
6. The gas circuit controlling system designed strictly makes the setting vacuum level stable and not required to set repeatedly.
7. Stability and durability low noise, safe and reliable to operate.

II. Specifications

1. Max.Vacuum: $\geq 0.09\text{MPa}$ (680mmHg)
2. Adjustable vacuum range : 0.02MPa - Max.vacuum
3. Flow rate : $\geq 20\text{ L/min}$
4. Noise : $\leq 60\text{dB(A)}$
5. Storage bottle :1000mL
6. Power supply : $\sim 220\text{V} \pm 10\% 50\text{Hz}$
7. Input :150VA
8. G.W. : 10.5 kg
9. Dimension: 390mm \times 360mm \times 420mm

Series of Emergency Aspirator (AC-DC)

introduction: Powered by three kinds of power supply---AC, external DC and internal battery. It can be attached to the cigar lighter (DC 12V) directly during transport use such as in ambulance. Intended for oro-pharyngeal suction for respiratory tract patient to aspirate secretion, blood and vomitus from pharyngeal cavity so as to breathe unobstructed. It is especially available for patient first-aid and health care in transport use or someplace without AC/DC.

1. Model WH820D AC/DC Emergency Aspirator



Model WH820D AC/DC Emergency Aspirator is the latest portable AC/DC suction unit. It is specially used for secretion, blood, vomitus and mucus removal of the patient who have undergone tracheostomy or had the trachea blocked, and for emergency treatment to a respiratory tract patient in hospital, first-aid teams, or social medical services, especially for a patient who is transported by vehicle or is in a place without AC/DC power supply.

I .Features

- 1、 Long life piston cylinder which requires no lubrication or daily maintenance produces no pollution to the environment.
- 2、 Provided with three kinds of electrical sources, AC100V~240V 50/60Hz, external DC12V, and internal battery, it can be conveniently used in many places.
- 3、 The internal battery is charged with constant voltage and limited current while the unit is working or being attached to AC 100V~240V 50/60Hz or external DC 12V power supply. The capacity of the battery is respectively indicated by green, yellow and red neons.
- 4、 Overflow protection device can safely and efficiently prevent the liquid from entering into pump. Bottles made of plastic material are transparent, durable and convenient for cleaning.
- 5、 Body made of plastic material is handy and beautiful. The

wall-mounting frame makes it widely used in the room, on vehicle and conveniently hung on the side of the wheelchair.

II .Specifications

- 1、 Max vacuum: $\geq 0.08\text{MPa}$ (600mmHg)
- 2、 Vacuum range: 0.02MPa (150mmHg) \sim Max. vacuum
- 3、 Flow rate: ≥ 20 L/min
- 4、 Jar capacity: 1000mL (PC)
- 5、 Noise: ≤ 65 dB(A)
- 6、 Operating voltage: DC 12V or AC 100V \sim 240V, 50/60Hz
- 7、 Power input: 110VA
- 8、 Battery duration on full charge: ≥ 30 min
- 9、 G.W.: 6.5 kg ; N.W.: 4.5 kg
- 10、 Dimension: 21 cm \times 14 cm \times 30 cm

2. Model WH820Z Emergency Aspirator (AC/DC)



Model WH820Z AC/DC Aspirator is a novel, portable, AC/DC powered medical suction unit. It is suitable for giving emergency treatment to a respiratory tract patient in hospital, first-aid teams, or social medical services. It is able to clean secretion, blood, vomitus by which the tract is blocked so that the patient can breathe unobstructed, especially available for patient first-aid and health care in patient transport and a place without AC/DC.

I .Feature

1. Maintenance free oil-less pump, high flow rate, without pollution by oil mist.
2. Powered by three kind of power supply AC, external DC, and internal battery, continuous movement time ≥ 1 hr when fully charged, rechargeable, attach the unit to the cigar lighter (DC 12V) by wire when use on the vehicles such as ambulance.
3. Charge method is constant voltage, limited current, and integral trickle type, Internal battery charged while the unit working by power supplies AC 220V, or external DC 12V. There are battery indicators of full and insufficiency.
4. Large-bore bottle with stopper having sealing ring is convenient to open and clean.
5. Overflow protection prevents liquid entering pump.
6. Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
7. Air filter equipped reduces bacterium in absorbed liquid to environmental pollution.
8. Stability, low noise, easy to carry, can use in wide range, safe and reliable to operate.

II. Specifications

1. Max Vacuum: $\geq 0.08\text{MPa}$ (600mmHg)
2. Free air flow: $\geq 20\text{L/min}$
3. Liquid storage bottle: 1000ml, 1pc
4. Vacuum adjustable range: $0.02 \sim 0.08\text{MPa}$
(150 \sim 600mmHg)
5. Noise level: $\leq 60\text{dB(A)}$
6. Input: 110VA
7. Power supply: AC220V $\pm 10\%$, 50Hz; DC 12V
8. When fully loaded, internal battery average run time: $\geq 1\text{hr}$
9. Working system: continuous operation with intermittent loading
10. Dimension: 400mm \times 280mm \times 395mm
11. G.W.: 12.5kg