

HW-EX121

SUCTION DEVICE



HW-EX121

FEATURES AND HIGHLIGHTS

Technical parameters

▪ Power voltage	AC110-220V±22V
▪ Rated frequency	50-60Hz
▪ Suction pump	Oil-free piston pump
▪ Negative pressure	≥0.09MPa(680mmHg)
▪ Range of negative pressure	0.02MPa-limit negative pressure value
▪ Noise	≤60dB
▪ Suction rate	≥40L/Min
▪ Storage bottle capacity	3000mL/piece, set of 2, high temperature resistant glass
▪ Intermittent loading continuous operation	Short operation time, maximum operation time 30min, duration 50%
▪ Classification of safety protection	Class I equipment, type B applied part
▪ Environmental temperature range	-40~60°C
▪ Relative Humidity Range	≤90%
▪ Atmospheric pressure range	500~1060hPa
▪ Weight	20kg
▪ Package size	450×400×820mm

Technical configuration

<input checked="" type="checkbox"/> Suction flexible catheter(length 2M, Φ7×13)	1 pc
<input checked="" type="checkbox"/> Empty foot switch	1 pc
<input checked="" type="checkbox"/> Air filter	2 pcs
<input checked="" type="checkbox"/> Fuse	2 pcs
<input checked="" type="checkbox"/> Chest suction tube	1 pc



Feature

Low noise, maintenance-free, high pumping rate, fast negative pressure rise, no oil mist pollution.

Design

Novel shape, floor type mobile medical suction device.

Structure feature

The product structure primarily consists of piston pump, vacuum gauge, negative pressure regulating valve, air filter, storage bottle, and foot pedal switch.

Working principle

Utilizing a high-efficiency piston pump, it operates without the need for oil lubrication, ensuring long-term operation and has a long service life. The structure is rational and will not generate positive pressure, absolutely guaranteeing safety.

Piston pump

Utilizing a high-efficiency piston pump, it operates without the need for oil lubrication, enabling long-term operation and has a long service life.

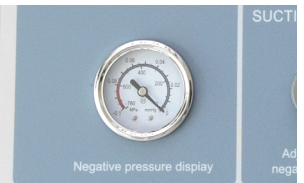
Shell material

Adopting high-quality cold-rolled steel plate shell, internal and external surface electrostatic spraying, solid and durable, easy to clean.



Vacuum gauge

Using high precision vacuum pressure gauge, direct display of negative pressure value.



Negative pressure regulating valve

Any negative pressure value can be selected within the limit range for easy operation. Negative pressure adjustment range: 0.02-0.09MPa (680mmHg).



Storage bottle

Large caliber, large-capacity liquid storage bottle, made of glass, easy to clean, with a sealing ring stopper, good sealing, easy to open. The bottle is equipped with an overflow protection device to prevent dirty liquid from flowing into the pump body.



Air filter

Air filter reduce air pollution of the surrounding environment from dirty liquids.



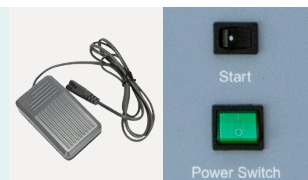
Caster

4 ϕ 50mm diameter mobile casters, 2 with lock, easy to move.



Switch






Foot switch, manual switch for low voltage control, and fully sealed, safe and reliable. Foot switch sensitivity, low voltage control, 12V.



As the circumstance of printing, the photos might have minor difference on color, tactile from real products.
As the update of design and improvement, parameters and outlook of products might change, thanks for understanding.

Healthward



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General catalogue