



# HW-EX122

## SUCTION DEVICE



Healthward<sup>®</sup>

Healthier  
your life

# HW-EX122

## 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	≥30L/Min
▪ Storage bottle capacity	2500mL/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	16kg
▪ 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**

Featuring an ABS injection-molded shell, it has an attractive appearance, stable and durable, and ease of cleaning.

**Handle**

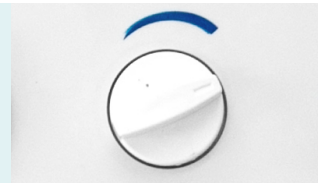
Fixed hand handle, easy to move, save time and effort.

**Vacuum gauge**

Utilizing a high-efficiency plunger pump, it operates without the need for oil lubrication, enabling long-term operation and a lengthy lifespan.

**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).

**Air filter**

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

**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.

**Switch**

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

**Caster**






4  $\phi$ 50mm diameter mobile casters, 2 with lock, easy to move.



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