



## INSTRUCTIONS FOR USE – Manual Suction (Manual Vacuum Pump)

### Intended Purpose

Manual Suction is a hand-operated medical device intended to generate negative pressure for the temporary removal of fluids and secretions from the airway in emergency and clinical situations. The device is not intended for continuous or long-term suction.

### Intended Users

Healthcare professionals and trained emergency or rescue personnel.

### Patient Population

Adults and children, according to applicable clinical protocols.

### Device Description

Manual Suction is a lightweight, portable, hand-powered suction device designed for single-hand operation. The device consists of a reusable vacuum pump handle, disposable 300 ml collection container, and adult/child suction catheters. Vacuum level is adjustable between 50% and 100% stroke.

### Contraindications

Do not use if any component is damaged, missing or contaminated.

Do not use if the pump handle is cracked or broken.

### Warnings

- Do not use the device upside down
- Do not autoclave any components
- Do not immerse the pump in liquid
- Use only by trained personnel

### Precautions

Ensure all connections are secure before use.

If resistance increases, stop use and check for blockage.

### Directions for Use

1. Select appropriate catheter size
2. Connect catheter to collection container
3. Secure container to pump handle
4. Select 50% or 100% stroke
5. Operate trigger to generate vacuum
6. Remove catheter slowly after use
7. Dispose of single-use components according to local protocols

### Performance

Vacuum at 20 kPa (1 min):  $\geq 15$  kPa

Maximum vacuum:  $\geq 39.9$  kPa

Container volume: 300 ml

### Technical Data

Operating temp:  $-20$  °C to  $+50$  °C

Storage temp:  $-40$  °C to  $+60$  °C

Net weight: 230 g

## **Cleaning**

Clean reusable parts with warm water and mild detergent.  
Do not autoclave.

## **Storage**

Store dry. Protect from damage. Observe temperature limits.

## **Symbols**

Symbols comply with ISO 15223-1. Refer to label for explanation.

## **UDI**

UDI is provided on the device label and packaging.

## **Manufacturer**

Zhangjiagang Xiehe Medical Apparatus & Instruments Co., Ltd.  
No. 7th, Middle Xinzha Road,  
Zhashang Industrial Zone, Yangshe Town,  
Zhangjiagang City, Jiangsu 215600, China

## **EU Authorized Representative**

SUNGO Europe B.V.  
Fascinatio Boulevard 522, Unit 1.7  
2909VA Capelle aan den IJssel, Netherlands

## **Distributor**

Heimdall Rescue  
Innlaget 25, 3185 Skoppum, Norway

## **Regulatory compliance**

This medical device complies with Regulation (EU) 2017/745.

## **Document control**

IFU-MS-001 | Rev. 01 | 2026-01-20