

# Suction Jar

( SJ-1000/ SJ-1500/ SJ-2500 )

## User Manual



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0123

☞ Please read and understand all the safety and operating instructions before using this product and store it for future reference.

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LOT



## 1. Applications

The suction jar is a perfect complement to vacuum systems, such as a suction regulator. The suction jar is used to collect pus, blood clots, phlegm, and excess fluids by connecting to a patient on one end, and vacuum source (such as suction regulator) on the other.

## 2. Features

- 1.1 The suction jar is 100% made of polycarbonate. The jar and cover provides a no-leak seal.
- 1.2 The awl float design prevents overflow into hoses and vacuum source when the maximum allowed filling level has been breached.
- 1.3 This product can be reused after proper sterilizing and heat treatment.

## 3. Technical Specifications

Model	Working Volume	Working Temperature	Working Humidity	Working Pressure	Product Life Span
SJ-1000	1L	0~40℃	≤80%	0~-100kPa	3 years
SJ-1500	1.5L				
SJ-2500	2.5L				

## 4. User guide

### 4.1 Configuration and Function

Configuration of the suction jar for SJ1500/2500 is shown on Figure 1. The suction jar is composed mainly of the jar (1), cover (2), and sealing-ring (3), and check valve (4). The cover (2) includes the lid (2.1) and locking-mechanism (2.2). The locking-mechanism has two part including handle bar (2.2.1) and locking-hooks (2.2.2). The check valve (4) includes a valve shell (4.1), an awl float (4.2), and a valve body (4.3), all of which can be disassembled individually. The jar (1) and the lid (2.1) enclose the sealing-ring (3) and make a no-leak seal. The locking-mechanism (2.2) secures the jar (1) and cover (2) by locking them

together. The awl float (4.2) prevents the substance from surpassing the maximum allowed filling level by blocking the entrance of the vacuum.

Figure 3 demonstrates the different functions for each opening. (Compatible to both  $\varnothing 8$  and  $\varnothing 10$  suction connector)

Figure 4 Indicator pattern of connecting pipe for SJ1000.

Figure 5 demonstrates the proper set up of multiple suction jars for applications requiring large working volume. Note: Must remove the check valve in the suction jar that is connected to the vacuum source (Figure 5 – d)

#### 4.2 Assembling and Disassembling

Follow the diagrams in Figure 2 to assemble the suction jar; follow in reverse order to disassemble. The parts: jar (1), cover (2), sealing-ring (3), valve shell (4.1), awl float (4.2), and valve body (4.3) may be disassembled individually to be sterilized.

#### 4.3 Prior to use

Before using, please check that the suction jar has no cracks, has been sterilized, and does not contain any contaminants. If you notice the jar has not been sterilized or contain contaminants, please refer to section 5 for proper sterilizing procedures.

### **5. Sterilization and Storage**

#### 5.1 Sterilization

Disassemble all the parts, and use sterilant to clean parts. Then use heat treatment or disinfectant bath to exterminate all pollutants and bacteria. Heat treatment temperature is less than 121 °C for 30 minutes. After Sterilizing, set the parts in a dry, well ventilated environment. Carefully wash and sterilize the lid, as damages to the vacuum openings will decrease the efficiency of product.

#### 5.2 Storage

After sterilizing, use Figure 1 to assemble the parts back to one piece. Put the suction jar into a clean bag, seal it, and store it in a dry, well ventilated area.

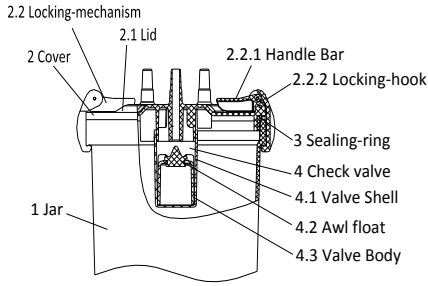


Figure 1: Configurations

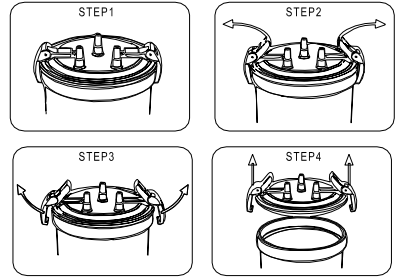
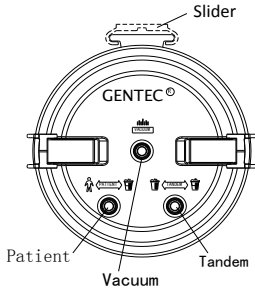
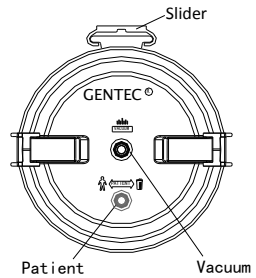


Figure 2: Assembling procedures



a) SJ-2500 Suction Jar



b) SJ-1500 Suction Jar

Figure 3: Cover configuration for both models

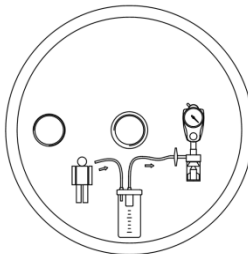
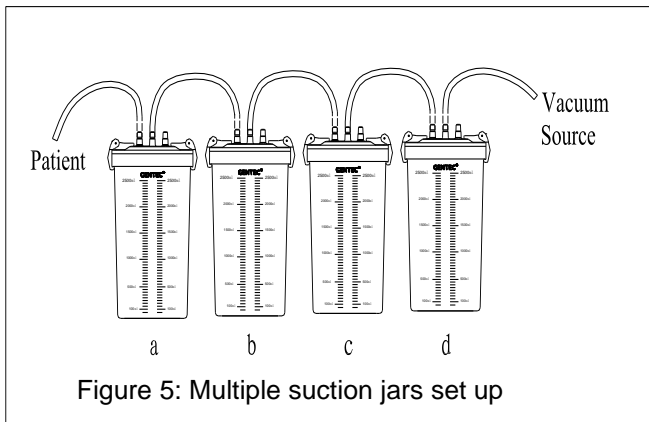


Figure 4: SJ-1000 Suction Jar



## 6. Warnings

- The cover and jar should be separated before sterilizing.
- Use mild sterilant, DO NOT use sterilant containing organic substance.
- Use a soft sponge to wipe the surface; DO NOT use a brush to clean.
- Be careful not to damage the product while using or transporting.
- DO NOT place or use the suction jar where UV radiation is present.

## 7. Product Warranty

This product has one year warranty from the day it departs the manufacturer. The product may be returned for free repair if it discontinues working within warranty, assuming the product was used under standard working conditions and following procedures in this user manual.

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