




INSTRUCTION MANUAL

Model : SC45 Suction Cap, SC45 Suction Cap Kit



Carefully check if the shipping carton is damaged before unpacking. Please check the items according to standard package list. If you have any question, please preserve serial no. & shipping carton and contact your dealer for quick solution.

Model	GL45 Suction Cap	SC45 Suction Cap	SC45 Suction Cap Kit
	197000-60	197000-61-P2N	197000-61-P2
			
Applicable bottle	GL45 Bottles		
Material of cap	PP	PP	PP
Material of gasket / O-ring	Silicone	EPDM	EPDM
Hose barb	ID6	ID4 ~ ID8	ID4 ~ ID8
Overflow protection	-	-	Yes
Autoclavable	Yes	Yes	Yes

* **Overflow protection blocks the AIR outlet when liquid is full, preventing liquid from being aspirated into the pump.**

* **PP is applicable to most of low concentrated chemicals, please refer to chemical compatibility chart before use.**

Maintenance

1. Cleaning

- A. Clean the suction cap in clean water, avoiding abrasive cleansers.
 - * Do NOT use any detergents which may cause PP to crack, thus reducing the product's life.
- B. Rinse it thoroughly. The final rinse should be done with distilled or deionized water.
- C. Store in a clean and dry place.

2. Sterilization

- A. Autoclave at 121 - 123 °C (250 -253 °F) at 1.0 bar (100 kPa, 15 psi) for 15 - 20 min.
 - * Do NOT autoclave with aluminum foil, it is always recommended to autoclave it in autoclave paper and bags.

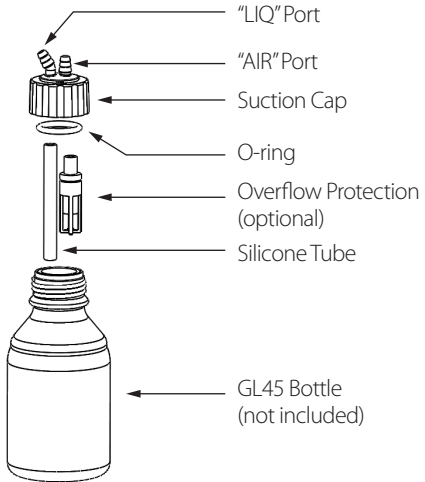
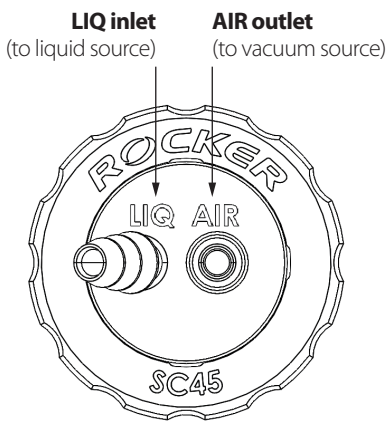
Ordering Information

197100-10 PP Vacuum Bottle, 1000 mL
 167200-38 Silicone Tube (Φ6 x 12 mm), 100 cm




194225-01 PTFE Syringe Filter, 25 mm, 0.22 μm
 199100-68 Silicone Tube (Φ4.2 x 8 mm), 200 cm

Usage Guide

The suction cap enables a standard GL45 laboratory glass bottle to function in various ways, such as waste bottle, suction bottle, safety bottle, etc.

Installation	Connection
 <p>• If the O-ring falls off after autoclaving, please reinstall it.</p>	
<ol style="list-style-type: none"> The overflow protection device and short silicone tube are installed inside the cap corresponding to "AIR" and "LIQ". <ul style="list-style-type: none"> • Overflow protection device is only included in the SC45 Suction Kit. Assemble the installed suction cap and GL45 vacuum bottle as shown in left diagram. Connect the hose barb labeled "AIR" to the vacuum source using a silicone tube. Connect the hose barb labeled "LIQ" to the liquid source using another silicone tube. <ul style="list-style-type: none"> • For sterile pressure equalization, a 0.2 μm syringe filter can be inserted into port of suction cap. 	

Applications

Waste Bottle	Moisture Trap Bottle	Safety Bottle
		
Transfer Bottle		Vapor Absorption Bottle
