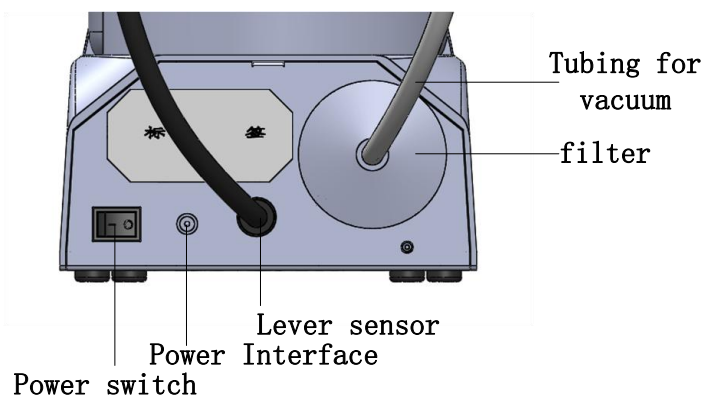
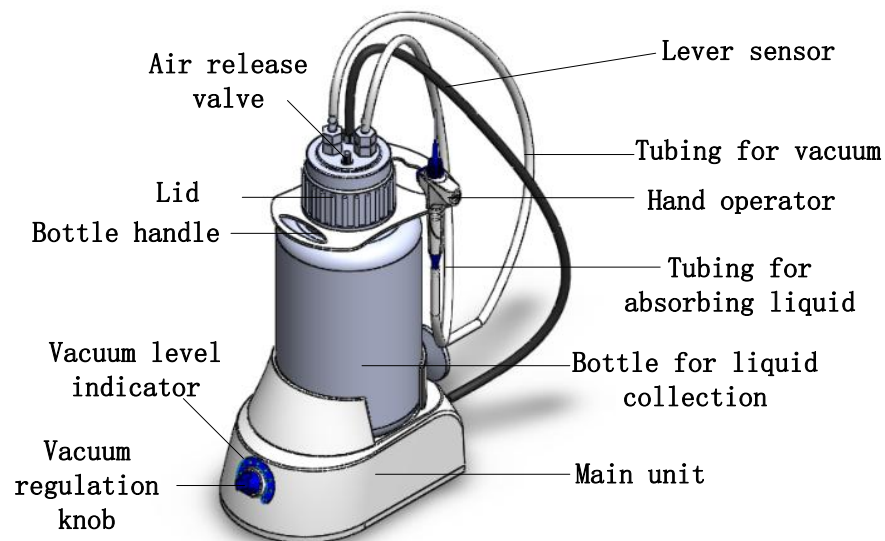


SAFEVAC Operation Guide

1 Introduction



| | |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main unit | Main part of the instrument, has a vacuum pump inside |
| Bottle | Bottle for liquid collection |
| Lid | Lid with opening for tubing. have the fast-inserting joints, lever sensor interface and the air release valve. Note: Please make sure every part put into position. When you want to take off the tubes from the fast-inserting joint, please hold the metal shrapnel, then pull out. |
| Hand operator | Aspirate liquid by prssing the button of the Hand operator |
| Lever sensor | Used to prevent the overflowing of the liquid. As soon as the overflow detected, the pump switches off and alarms. |
| Tubing for vacuum | Connect the main unit to the bottle, providing negative pressure environment |
| Tubing for absorbing liquid | Connect the hand operator to bottle, absorbs the liquid to the bottle. |
| Bottle handle | Install the bottle handle between the lid and the bottle, in order to hold the hand operator and as a handle when moving the bottle. |
| Air release valve | Unscrew the valve to release the vacuum Note: when you want to open the lid, please relese the vacuum first |
| Vacuum level indicator | Can indicate the degree of vacuum. When reaching the setting vacuum, the lamps turn to normally on, flashing means have not reached the setting vacuum. |
| Vacuum regulation knob | Regulate the setting vacuum |
| Filter | Connected between the main unit and the bottle, in order to prevent the liquid going into the pump |
| Power interface | Connect the power cable |
| Power switch | Power on/off |

2 Operation introduction

- 1) Installation Make sure all parts put into position.
- 2) Make sure the air release valve closed
- 3) Power on
- 4) Adjust the Vacuum regulation knob clockwise to increase the setting vacuum level, vacuum level indicator will turn on in sequence. Adjust the Vacuum regulation knob anticlockwise to decrease the setting vacuum level, vacuum lever indicator will turn off in sequence.
- 5) When the vacuum level indicator turn to normally on, that means the bottle vacuum level has reached the set value. Then you can aspirate liquid by prssing the button of the Hand operator.

Note: The level sensor is used to prevent the overflowing of the liquid. As soon as the overflow detected, the pump switches off and alarms. Please dispose the liquid of the bottle or replace a empty bottle as soon as possible.

- 6) Power off
- 7) Unscrew the valve to release the vacuum

Note: when you want to open the lid, please relese the vacuum first

- 8) Take off the bottle, open the lid, and pour out the liquid.

3 Specification

| | |
|-----------------------------|------------------------------|
| Vacuum range | 0 to -600 mbar (adjustable) |
| Pump flow rate(Rated Value) | 15 L/min (air) |
| Aspiration rate of liquids | 17 mL/s (aspiration pipette) |
| Dimensions (W×D×H)mm | 180 ×240×450 |
| Weight | 3kg |
| Input voltage | 100 -240 VAC, 50/60 Hz |
| Bottle Volume | 4L |

SCIOLOGEX, LLC

1275 Cromwell Avenue, Suite C6, Rocky Hill, CT 06067 USA.

Office: +1-860-436-9221

Fax: +1-860-436-9745

info@scilogex.com

www.scilogex.com