Vacuum Aspiration System

1 Components
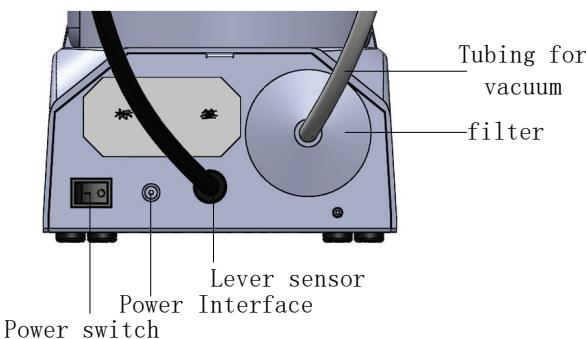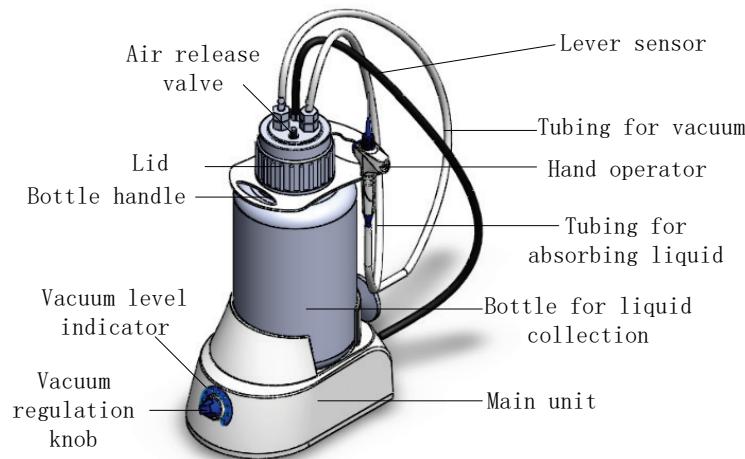
Main unit	Main part of the instrument with a vacuum pump inside
Bottle	Bottle for liquid collection
Lid	Lid with opening for tubing, including the fast-inserting joints, lever sensor interface and the air release valve. Note: Please hold the metal shrapnel and then pull out the tubes from the fast-inserting joint.

| Hand operator	Aspirate liquid by prssing the button of the Hand operator
Lever sensor	Detect overflow, sound alarm and switches off the pump.
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	Between the lid and the bottle for moving the bottle.
Air release valve	Unscrew the valve to release the vacuum before open the lid.
Vacuum level indicator	Indicates the vacuum degree. They will keep flashing until the target vacuum is reached.
Vacuum regulation knob	Rotate to adjust the target vacuum.
Filter	Keep liquid away from the pump
Power interface	Connect the power cable
Power switch	Power on/off

2 Operation

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 target vacuum level. The vacuum level indicator will turn on in sequence. Decrease the vacuum vice versa.

5）The target vacuum is reached when the vacuum level indicators stop flashing. Then you can aspirate liquid by pressing the button of the Hand operator.

Note: The level sensor detects overflow, sound alarms and switches off the pump. Please dispose the liquid of the bottle or replace an 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）Pls make sure the bottle lid is taken off or unscrewed during autoclaving;

真空吸液器快速操作指南

一、 仪器介绍
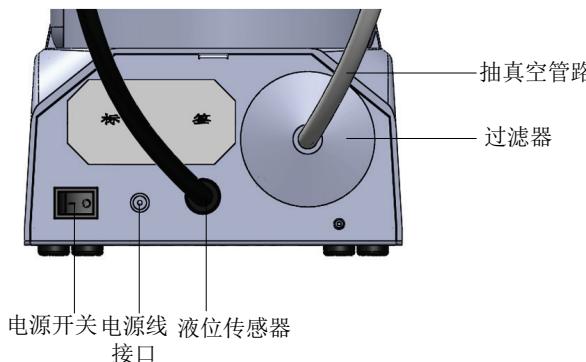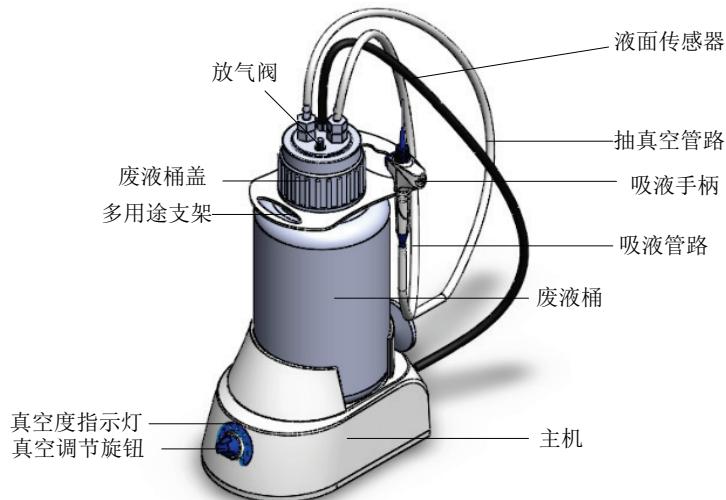
主机	仪器主体部分，内有真空泵
废液桶	盛放废液
废液桶盖	带有管路快插接头，液位传感器接口及放气阀。将对应插头插入桶盖对应接口，确保连接紧密。快插头可实现管路的快速插拔，拔下时，请按住金属弹片，取下管路。
吸液手柄	按住手柄上吸液按钮，对准待吸取液体，可进行吸液工作
液位传感器	探测废液桶内液体液面，当液面超过警戒线，停泵报警
抽真空管路	连接废液桶与主机真空泵，提供废液桶内的负压环境
吸液管路	连接废液桶与吸液手柄，进行液体吸取工作
多用途支架	安装在废液桶与瓶盖之间，可放置吸液手柄，同时可作为搬动废液桶的提手
放气阀	可通过拧松该装置，释放废液桶内的真空度
真空度指示灯	可指示真空度，常亮代表已达到设定真空度，闪烁代表未达到设定真空度
真空调节旋钮	可调节所需的真空度
过滤器	连接主机真空泵与废液桶，防止液体进入到真空泵内
电源接口	连接电源线
电源开关	打开或者关闭主机

二 操作说明

1）管路安装 如上图确保各管路连接好，无漏气漏液现象

2）确保放气阀关闭

3）打开电源开关

4）顺时针调节真空调节旋钮，指示灯依次亮起，表示所设定真空度逐渐增大

5） 当设定位置的指示灯常亮，表示系统真空度已达到设定值，按动手柄按钮，可将接触液体吸入废液桶内。

6）关闭系统

7）拧松放气阀，可释放真空度

8）取下废液桶，请确保在消毒之前拿掉或者松开废液桶盖，以免变形；