

# EASY



## VACUUM ASPIRATOR, ST20

*Please read the User Manual carefully before use, and follow all operating and safety instructions!*



## User Manual

english

# User Manual



## VACUUM ASPIRATOR, ST20

### Introduction

Users must read this manual carefully and follow the instructions and procedures in order to be informed of all precautions before using the equipment, as well as to obtain maximum performance and a longer service life of the equipment.

### Service

When you need assistance, you can contact your distributor or Labbox at:

[www.labbox.com](http://www.labbox.com)

Please provide Customer Service personnel with the following information:

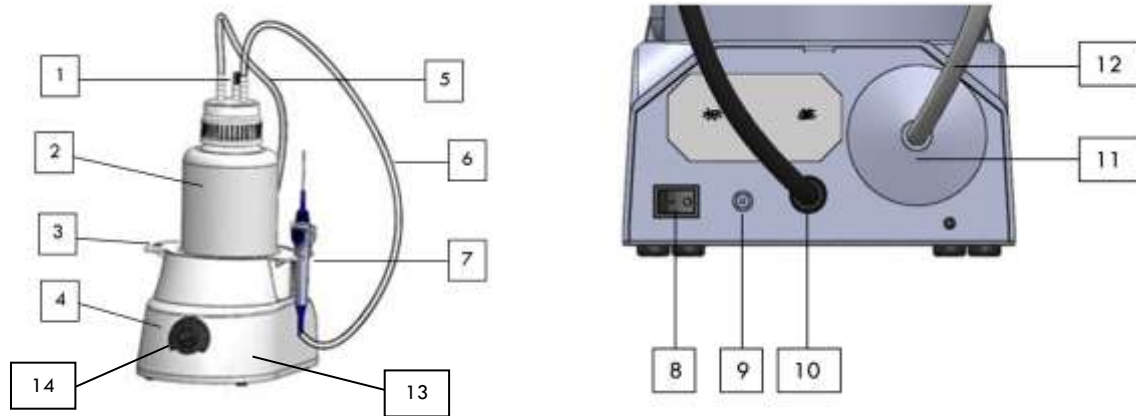
- Equipment serial number (on the rear panel)
- Description of the detected problem
- Your contact details

### Warranty

This equipment is warranted against any defects in materials and workmanship under normal use for a period of 24 months from the invoice date. The warranty applies only to the original purchaser. The warranty will not apply to any product or parts that have been damaged due to incorrect installation, improper connections, misuse, accident, or abnormal operating conditions.

For warranty claims, please contact your supplier.

## 1 Introduction



1	Air release valve	Unscrew the valve to release the vacuum Note: when you want to open the lid, please release the vacuum first
2	Bottle	Bottle for liquid collection
3	Adapter	To place the bottle
4	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.
5	Tube for vacuum	Connect the main unit to the bottle, providing negative pressure environment
6	Tube for absorbing liquid	Connect the hand operator to bottle, absorbs the liquid to the bottle.
7	Hand operator	Aspirate liquid by pressing the button of the Hand operator
8	Power switch	Power on/off
9	Power interface	Connect the power cable
10	Lever sensor	Used to prevent the overflowing of the liquid. As soon as the overflow detected, the pump switches off and alarms.
11	Filter	Connected between the main unit and the bottle, in order to prevent the liquid going into the pump
12	Tube for vacuum	Connect the main unit to the bottle, providing negative pressure environment
13	Main Unit	Main Part of the instrument, has a vacuum pump inside
14	Vacuum regulation knob	Regulate the setting vacuum

## 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 pressing 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 release the vacuum first

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

EASY

### **Nota importante para los aparatos electrónicos vendidos en España**

Instrucciones sobre la protección del medio ambiente y la eliminación de aparatos electrónicos:



Los aparatos eléctricos y electrónicos marcados con este símbolo no pueden ser eliminados en forma de residuos urbanos.

De conformidad con la Directiva 2012/19/UE, los usuarios de la Unión Europea de aparatos eléctricos y electrónicos, tienen la posibilidad de devolver sus RAEE para su eliminación al distribuidor o fabricante del equipo después de la compra de uno nuevo. La eliminación ilegal de aparatos eléctricos y electrónicos es castigada con multa administrativa.

### **Remarque importante pour les appareils électroniques vendus en France**

Informations sur la protection du milieu environnemental et élimination des déchets électroniques :



Les appareils électriques et électroniques portant ce symbole ne peuvent pas être jetés dans les décharges.

En réponse à la réglementation, Labbox remplit ses obligations relatives à la fin de vie des équipements électriques de laboratoire qu'il met sur le marché en finançant la filière de recyclage de ecosystem dédiée aux DEEE Pro qui les reprend gratuitement (plus d'informations sur [www.ecosystem.eco](http://www.ecosystem.eco)).

L'élimination illégale d'appareils électriques et électroniques est punie d'amende administrative.

### **Nota importante per le apparecchiature elettroniche vendute in Italia**

Istruzioni sulla protezione ambientale e sullo smaltimento dei dispositivi elettronici:



Le apparecchiature elettriche ed elettroniche contrassegnate con questo simbolo non possono essere smaltite come rifiuti urbani.

In conformità con la Direttiva 2012/19 / UE, gli utenti dell'Unione Europea di apparecchiature elettriche ed elettroniche hanno la possibilità di restituire i propri RAEE per lo smaltimento al distributore o al produttore di apparecchiature dopo averne acquistato uno nuovo. La rimozione illegale di apparecchiature elettriche ed elettroniche è punibile con una sanzione amministrativa.

