Specifications

Power source		No need
Operating temperature		0 ~ 54ºC
Storage temperature		-10 ~ 60ºC
Air flow	scale	0~50 L/min
	accuracy	±4% of full scale
Vacuum	scale	0~-76 cmHg
	accuracy	±2.5% of full scale
Weight		730g
Dimension		120(L) x 105(W) x 145(H) mm

Cautions and maintenance

1. This device should be used with suction unit only.
2. Place the device and suction unit on a flat, horizontal surface while in use.
3. Turn the regulator slowly to avoid possible damage.
4. Do not completely unscrew regulator stem.
5. Do not attempt to disassemble the device.
6. Avoid excessive vibration, physical impact and dropping.
7. Do not store the device in direct sunlight, high temperature or humidity.
8. Keep the device away from static electricity.
9. For the first use, open the rubber vent-plug on the top of vacuum gauge and then close it after that in order to balance the pressure after the transportation.

ISO 13485 CE

OBM_IB_SuctionTester_SW_ver2033

rossmax

Portable Testing Device
for Suction unit

Model: **Suction Tester**
Instruction **Manual**

www.rossmax.com

Introduction

Rossmax Suction Tester is a portable and easy-to-use device that allows the users to quickly check the performance of the pump of a suction unit. Power source is not required for Suction Tester during operation and the test result is easy to read and interpret. Suction Tester consists of an oil vacuum gauge, flow meter, PVC tubing and stainless steel stand. This device is used to check the working conditions of the pump, and you are able to check:

    1. Maximum (free) air flow
    2. Maximum vacuum

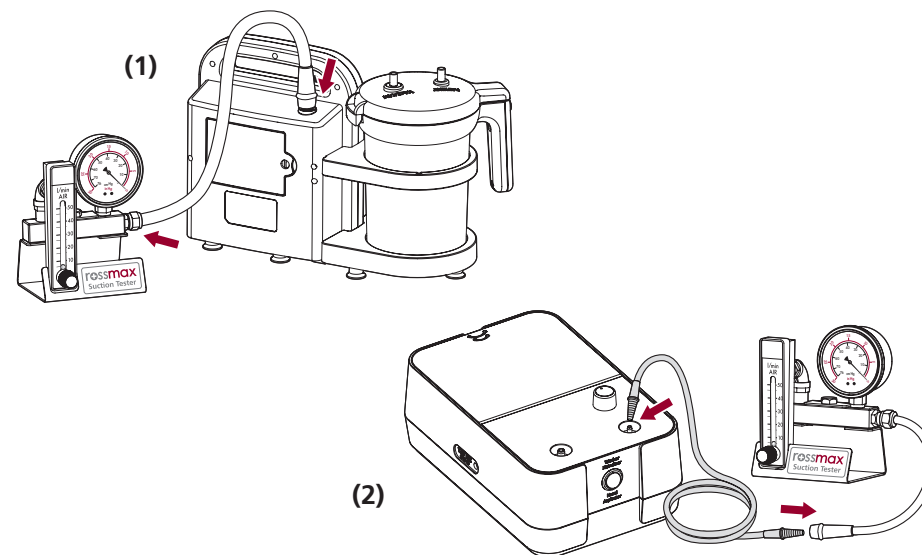## Parts name/location
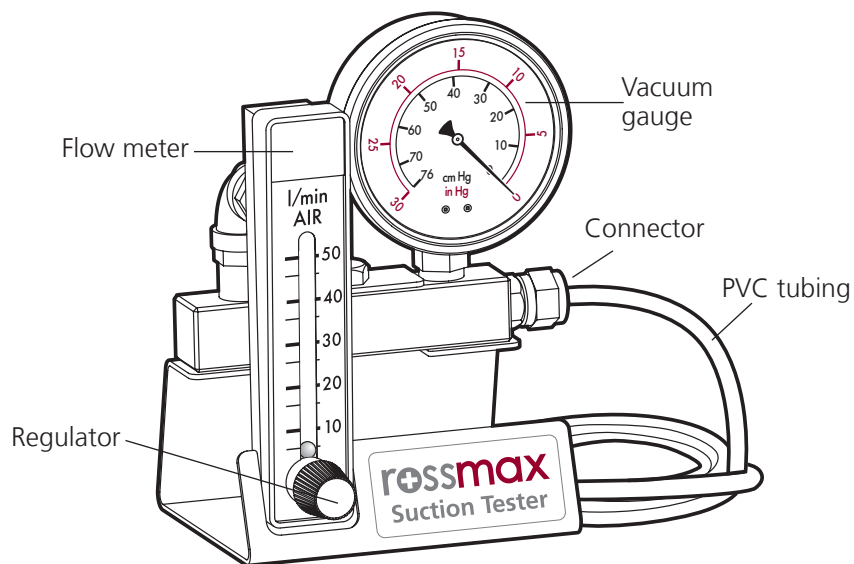
Installation
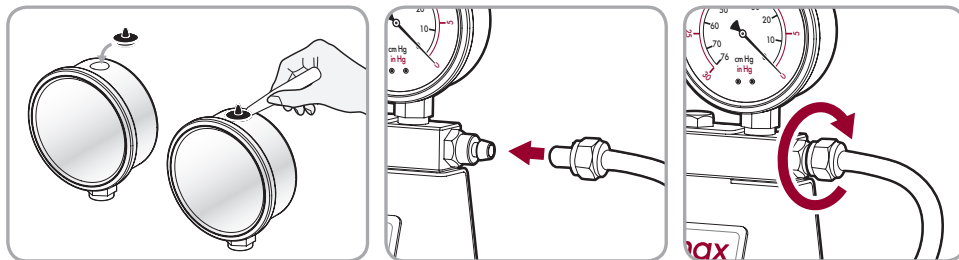
Open the rubber vent-plug and then close it after that

Insert PVC tubing into connector

Screw the nut securely

(1) Suction tester with Suction unit
(2) Suction tester with NK1000 (Nasal Aspirator)

Operation procedures

1. Check maximum (free) air flow

Step 1: Turn the regulator of flow meter anticlockwise around 2~3 circles.
Step 2: Insert the other end of PVC tubing into the air inlet of the suction unit.
Step 3: Power on the suction unit.
Step 4: Keep the suction unit running for 30 seconds to warm up.
Step 5: Adjust air flow and set the level of vacuum at 0 cmHg by turning the regulator of flow meter.
Step 6: Check the air flow rate.
Step 7: Turn off the suction unit.
Step 8: Disconnect the PVC tubing from suction unit.

2. Check maximum vacuum

Step 1: Turn the regulator of flow meter anticlockwise around 2~3 circles.
Step 2: Insert the other end of PVC tubing into the air inlet of the suction unit.
Step 3: Power on the suction unit.
Step 4: Keep the suction unit running for 30 seconds to warm up.
Step 5: Set the air flow rate at 0 L/min by turning the regulator of flow meter clockwise completely.
Step 6: Check the values on the vacuum gauge.
Step 7: Turn off the suction unit.
Step 8: Disconnect the PVC tubing from suction unit.