Specifications

Power source		No need
Operating temperature		0 ~ 54°C
Storage temperature		- 10 ~ 60°C
Air flow	scale	1 ~ 10 L/min
	accuracy	± 4% of full scale
Pressure	scale	0 ~ 60 PSI
	accuracy	± 2% of full scale
Weight		1000 g
Dimension		128 (L)*120(W)*158 (H) mm

Cautions and maintenance

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

Note: Do not open the rubber vent-plug when the device is in a vertical position to avoid leakages of oil material from the pressure gauge.

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OBM_IB_NebTester_EN_SW_ver2118

Manufacturer: Rossmax International Ltd.,
12F., No. 189, Kang Chien Rd., Taipei, 114, Taiwan
www.rossmax.com

rossmax

Portable Testing Device
for Nebulizer

Model: **Neb Tester**

Instruction Manual

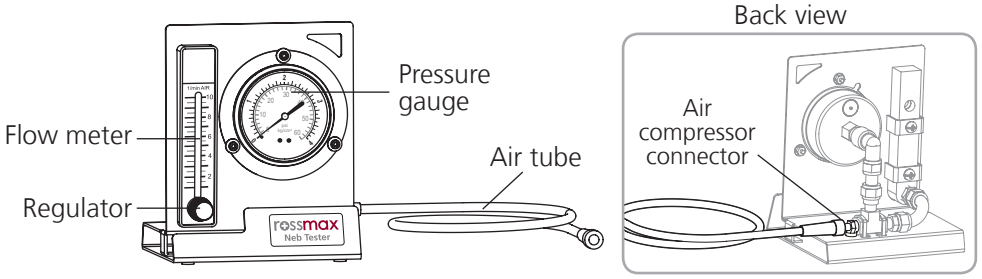
www.rossmax.com

Introduction

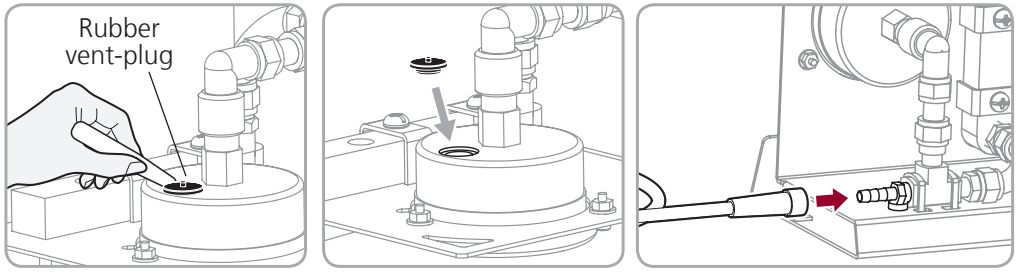
Rossmax Neb Tester is a portable and easy-to-use device that allows the user to quickly check the performance of the pump of a compressor nebulizer. Power source is not required for Neb Tester during operation and the test result is easy to read and interpret. Neb Tester consists of an oil pressure gauge, flow meter, air tube and stainless steel stand. This device is used to simulate the working conditions of the pump when the nebulizer is in operation with a medication cup, and you are able to check:

1. Maximum (free) air flow
2. Operational air flow at a particular pressure
3. Maximum air pressure

Parts name/location



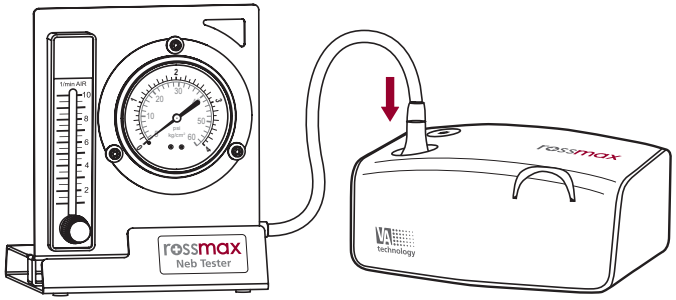
Installation



Place the device in a horizontal position

Open the rubber vent-plug and then close it after

Insert air tube into connector



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 air tube into the air outlet of the nebulizer.

Step 3: Power on the nebulizer.

Step 4: Keep the nebulizer running for 30 seconds to warm up.

Step 5: Adjust air flow and set the level of the pressure at 0 PSI by turning the regulator of flow meter.

Step 6: Check the air flow rate.

Step 7: Turn off the nebulizer.

Step 8: Disconnect the air tube from the nebulizer.

2. Check operational air flow at a particular pressure

Step 1: Turn the regulator of flow meter anticlockwise around 2~3 circles.

Step 2: Insert the other end of air tube into the air outlet of the nebulizer.

Step 3: Power on the nebulizer.

Step 4: Keep the nebulizer running for 30 seconds to warm up.

Step 5: Set the pressure to a desired level by adjusting the regulator of the flow meter.

Step 6: Check the air flow rate.

	Pressure (PSI)	Flow rate (L/min)
NA100 / NB500 (N1)	15.0	≥ 3.5
NE100 / NF100/ NJ100 (N4)	15.0	≥ 3.5
NK1000/ NB80 / NF80 (N1)	8.0	≥ 3.0
NB60 / NI60/ NH60 / NF60 (N1)	8.0	≥ 2.0
NL100 (N2)	10.5	≥ 3.5

Step 7: Turn off the nebulizer.

Step 8: Disconnect the air tube from the nebulizer.

3. Check maximum air pressure

Step 1: Turn the regulator of flow meter anticlockwise around 2~3 circles.

Step 2: Insert the other end of air tube into the air outlet of the nebulizer.

Step 3: Power on the nebulizer.

Step 4: Keep the nebulizer 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 pressure gauge.

Step 7: Turn off the nebulizer.

Step 8: Disconnect the air tube from the nebulizer.