

Pulsemeter

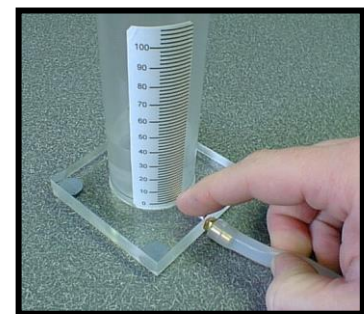
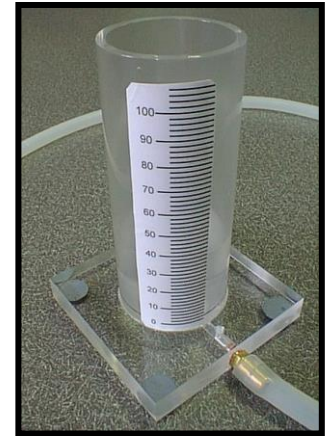
The Pulsemeter is used to spot-check or observe the oxygen delivery volume of 'pulse' type oxygen conserving devices. This includes:

- Compressed gas systems
- Liquid oxygen systems
- Portable oxygen concentrators
- Home trans-filling systems

The Pulsemeter should not be used to test for continuous flow oxygen output or on conserving devices that utilize dual lumen cannulas. The Pulsemeter should not be considered a precision measuring device or used for equipment calibration procedures.

Instructions For Use

1. Place the piston inside the cylinder, with the black ring towards the bottom.
2. Pour a small amount of distilled water on top of the piston - just enough to cover the entire piston (approximately 2 graduations on the volume label). Check to make sure that the line on the piston is at the 0 volume graduation on the Pulsemeter label.
3. Connect the silicone rubber tubing to the Pulsemeter and to the conserving device that is to be tested. Turn the conserving device on, as well as the oxygen source.
4. Squeeze the silicone tubing shut, near to the Pulsemeter base.
5. Place one finger over the small hole in the base of the Pulsemeter.
6. Release the silicone tubing, keeping your finger over the hole. This will trigger the conserving device.
7. Looking at the Pulsemeter straight on (not at an angle from above), read the graduation on the label that most closely lines up with the line on the piston. Each graduation represents 2 cc (cubic centimeters or milliliters).
8. Release your finger from the hole. The piston should return to 0. Repeat steps 4-7 several times for each setting of the conserving device, to assure consistency.
9. When finished, remove the piston from the cylinder and dry both parts with a clean, lint-free microfiber cloth.



Refer to each manufacturer's specifications for pulse volume per setting. The delivered volume of oxygen varies by each type of device, even from products distributed by the same manufacturer. If pulse volume information is not provided by the manufacturer, some device data may be available in the 2007 Guide To Understanding Oxygen Conserving Devices by Valley Inspired Products, Inc., though newer products may not have data reported.

Cleaning

Clean the Pulsemeter with warm, soapy water only. DO NOT use alcohol or abrasive cleaning materials or damage may occur. Rinse with distilled water and set out to air dry.

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