Respirometers

Respirometers are reliable respiratory volume measurement instruments for use where small size and light weight, together with low air resistance and low inertia are important considerations. The instruments may be used to measure tidal volumes, or (with the use of a stopwatch) minute volumes (flow rates). They are particularly suitable for respiratory measurements in anesthesia, in oxygen therapy, weaning from mechanical ventilators, and as a research tool for general application in respiratory physiology.

Electronic Digital Respirometer

With the large LCD readout display on the Digital Respirometer the confusion of reading a mechanical respirometer dial is eliminated. The flow sensing unit has only one moving part, and is detachable from the control unit for ease of sterilization and cleaning. It may be washed, gas sterilized or cold sterilized. Comes complete and ready to use with 9V battery and one 22mm female x 22mm female adapter.

- Range: 0-200 liters
- Measurement Type: Air/Gas volume flow (tidal volume).
- Resolution: .02 liter.
- Flow Rate: 5 lpm minimum/100 lpm maximum.
- Accuracy: +/-5% over range, +/-2% at calibration point.
- Resistance to flow: 2cm of water at 100 lpm.

Item #7-29500 Complete Set

Mark 8

Incorporates separate dials and a small face diameter. Range to 100 liters. Small dial: 1 liter per revolution. Large dial: 100 liters per revolution.

Item #7-30200

Mark 14

Incorporates separate dials and a small face diameter. Range to 10 liters. Large dial: 1 liter per revolution. Small dial: 10 liters per revolution.

Item #7-30100

Haloscale Standard

Incorporates concentric dials and an enlarged face for improved readability. Range to 100 liters. Short hand: 1 liter per revolution. Long hand: 100 liters per revolution.

Item #7-29000

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