Respirometers

Mark 8
The original Wright Respirometer for measurement of minute volumes as well as tidal volumes.

Compact 35mm dial diameter. Black hands and scales on a white background. Two dials. Small Dial records 0 - 1 liter. Large Dial records 0 - 100 liters.

Physiological
Specifically designed for prolonged studies of respiration. Similar to the Mark 8 with an additional dial.

Compact 35mm dial diameter. Black hands and scales on a white background. Three dials. First Small Dial records 0 - 1 liter. Large Dial records 0 - 100 liters. Second Small Dial records 0 - 10,000 liters.

Special order requests
6 week lead time for delivery

Mark 14
Specially suited for measurement of tidal volumes and may also be used for measurement of minute volume.

Compact 35mm dial diameter. Red hands and white scales on a black background. Two dials. Small Dial records 0 - 10 liters. Large Dial records 0 - 1 liter.

Mark 20
The latest design of Wright Respirometer incorporating concentric dials and an enlarged face for improved readability. Equally convenient for measuring both tidal and minute volumes. Large 57mm dial diameter. White/yellow hands and white/yellow scales on a black background. Two concentric dials. White Dial records 0 - 1 liter. Yellow Dial records 0 - 100 liters.

Haloscale Infant
A unique form of Wright respirometer specifically designed for use with newborns and infants to 20 kg. in weight. Incorporates the latest enlarged face and concentric dial features. Equally convenient for measuring both tidal and minute volumes. Large 57mm dial diameter. Red/Black hands and black scales on a white background with yellow highlight ring. Two concentric dials. Smaller Dial records 0 - 5 liters. Larger Dial records 0 - 500 ml.
Respirometers

Haloscale Standard

Incorporates enlarged force and concentric dial features for improved readability.

Two concentric dials.
Small Dial records 0 - 1 liter,
Large Dial records 0 - 100 liters.

Respirometer Manifold

Valve
Non-Sterile

<table>
<thead>
<tr>
<th>#58-395948</th>
<th>50/Box</th>
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</thead>
<tbody>
<tr>
<td>Plastic with neoprene valve flaps</td>
<td></td>
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<tr>
<td>Single use</td>
<td></td>
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<tr>
<td>2 one-way valves, 4 way fitting T piece and 6&quot; corrugated tube</td>
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AK-1067
22mm female x catheter

19-00-304
Adapter
23mm female x catheter

19-00-481
Adapter
22mm female x 5/8" corrugated tubing

19-00-410
Adapter
23mm female x 15mm female

19-00-307
Adapter
22mm female x 22mm female

19-00-409
Adapter
23mm male x 23mm male

AK-1069
22mm female x 23mm male

19-00-300
Adapter
23mm female x 22mm male

19-00-308
Adapter
22mm female x 15mm female

Replacement Accessories (not shown)

Case w/foam insert
AK-108-517

Safety Harness
AK-100-S28

Note: Current model Respirometers have 22mm male inlets and outlets. However, some older models have 23mm male inlets and outlets. Older models include Mark 8, Mark 12 and physiological model. These units have a reflective chrome finished housing.
Respirometers

Electronic Digital Respirometer

A respirometer long overdue in this modern electronic age ...

ANESTHESIA ASSOCIATES, INC.
Model 19-00-295 Digital Respirometer is an electronic version of the mechanical respirometer.

IT DOES THE SAME JOB PLUS ...

• Easier to read
• Savings on the initial purchase and maintenance
• More reliable
• Extremely durable
• No gears, shafts or bearings to break down in the electronic unit
• Separates for ease of patient use, sterilization and cleaning
• Made in the U.S.A.

Model 19-00-295, a two-piece detachable respirometer comes complete and ready-to-use with 9v battery and 1 (one) 22mm female x 22mm female adapter.

FEATURES:
Measurement Type:
Air/Gas volume flow (tidal volume)

Range:
0 - 200 liters (199.99)

Resolutions:
0.1 liter

Flow Rate:
2 liters/min., min. 700+ liters/min., max.

Accuracy:
+/-5% above 5 liters/minute (tidal flow)

Resistance to Flow:
<2cm of water at 100 liters/minute

Display Type:
4-1/2 digital LCD Display (.4 in.char.ht.)

Power Source:
Standard 9v battery, NEDA 1604
Battery life, 50 hours nominal
Also, AC adapter for long-term use

Dimensions:
2.8” H x 2.5” W x 4.5” D (approximate)

Weight:
9 oz.

Specifications:
On Switch: (alternate)
Press once to turn on, again to turn off.

Hold Switch: (alternate)
Freezes displayed reading at time button is pressed in. (Colons on while in HOLD mode). Volume count resumes when hold button is pressed again.

Reset Switch: (momentary)
When pressed, display is cleared to 0.0 and volume flow count begins again.

Low Battery:
“LO BATT” is displayed when there is approximately 5 hours of battery life remaining.

Light Switch: (momentary)
When pressed, LCD will be lighted.

Options:
19-00-296
6' Retractable Cable (extended length)
19-00-297
AC Adapter for 110v use
19-00-298
Carrying Case
19-00-299
Spare Flow Sensing Unit for ease of cleaning and sterilization

Warranty:
All Electronic Respirometers are warranted for one year from date of purchase for defects in material and workmanship. Only factory-trained and authorized repair centers should be utilized.