



Redefining Accuracy Beyond the Standard



Wright Mark 8

- General purpose - full scale measurement
- For minute volume measurement with facility for measuring tidal volume
- Small inner dial records 0-1 liter
- Large outer dial records 0-100 liters
- Dial layout: separate small fractional liter and large full liter dials offset
- Connections: 22mm male BS/ISO taper, inlet and outlet
- Dial Diameter: 35mm (1.4 in)
- Overall Dimensions: 70 mm x 60 mm (2.75 in x 2.35 in)
- Weight: 130 g (4.6 oz)



Wright Mark 14

- Ideal measurement ranges for pediatric patients
- For tidal volume measurement with facility for measuring minute volume
- Small inner dial records 0-100 liters
- Large outer dial records 0-1 liter
- Dial layout: separate small full liter large fractional liter dials offset
- Connections: 22mm male BS/ISO taper, inlet and outlet
- Dial Diameter: 35mm (1.4 in)
- Overall Dimensions: 70 mm x 60 mm (2.75 in x 2.35 in)
- Weight: 130 g (4.6 oz)



Haloscale Standard

- For both tidal volume and minute volume measurement
- Inner concentric dial records 0-1 liter
- Outer concentric dial records 0-100 liters
- Dial Layout: Dual concentric fractional and full liter dials
- Connections: 15mm female inlet/ 22mm female BS/ISO outlet
- Dial Diameter: 57 mm (2.25 in)
- Overall Dimensions: 72 mm x 70 mm (2.85 in x 2.75 in)
- Weight: 160 g (5.7 oz)



Redefining Accuracy. Beyond Expectations.

No respiratory volume measurement instrument is more recognized throughout the world.

All models feature push button on/off and reset, and are supplied complete with two circuit adapters and safety harness in a fully padded carrying/storage case. An optional protective cover kit is available for added protection from inadvertent impacts while in use. All models have updated, easier to read dials.



Clinical Applications

- **Routine Checks of Mechanical Ventilation**
Respirometers are used to perform routine checks of patient's tidal volumes to guarantee accurate ventilator performance.
- **Ventilator Weaning**
When blood gas analysis indicates weaning can be attempted, respirometers make ideal instruments to determine the success of weaning by measuring tidal and minute volume levels.
- **Recovery**
Respirometers are ideal instruments to ensure the level of the patient's lung function before leaving the recovery area.
- **Anesthesia**
Placed in the expiratory circuit, respirometers are used to measure tidal and minute volumes to ensure adequate ventilation on both spontaneously breathing and mechanically ventilated patients.

Technical Specifications

Accuracy:
Tidal volumes:
± 3% for minute volumes exceeding 5 LPM
± 4% for minute volume of 4 LPM
Continuous flow:
± 2% @ 16 LPM
+ 5% to + 10% @ 60 LPM
Sensitivity:
Starts volume registration at not more than 2.5 LPM
Resistance:
Proportional to square of the flow rate and not more than 2cm H₂O @ 100 LPM
Dead Space:
22 ml
Permissible Gases:
All respirable gases
Maximum Temp:
55° C (131° F)
Maximum internal to external pressure:
30cm H₂O
Maximum leakage:
60ml/min at 30cm H₂O (to ASTM F1208-89)
Maximum Recommended Flow Rate:
60 LPM (300LPM continuous flow for short periods)
Sterilization:
ETO - 55° C (131° F) Maximum

Maintenance Program

As the original manufacturer of Wright Respirometers, we are excited to announce our enhanced services for all of our respirometer units.

One call. One price. One solution.

- Call 800.635.3200 for your reference number
- Send in your unit
- We do all repairs and factory calibration for one low price.

Warranty

Wright and Haloscale Respirometers are warranted for one year from date of purchase for defects in material and workmanship. Units that have been dropped, misused, or suffered damage due to repair attempts by untrained personnel are excluded.

Contact Information



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