

# Wright™ & Haloscale™ Respirometers

## Trusted Accuracy For Critical Care



### 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)



### 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)



### 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 H<sub>2</sub>O @ 100 LPM  
Dead Space:  
22 ml  
Permissible Gases:  
All respirable gases  
Maximum Temp:  
55o C (131o F)  
Maximum internal to external pressure:  
30cm H<sub>2</sub>O  
Maximum leakage:  
60ml/min at 30cm H<sub>2</sub>O (to ASTM F1208-89)  
Maximum Recommended Flow Rate:  
60 LPM (300LPM continuous flow for short periods)  
Sterilization:  
ETO - 55o C (131o 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.

## Contact Information

Phone: 720.640.4222  
Email: Sales@kokopft.  
Web: www.kokopft.com



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