

# MicroCap 9

## Capnograph and Oximeter

### FEATURES

- 3.5 inch TFT, monitoring EtCO<sub>2</sub>/CO<sub>2</sub>, RR and SpO<sub>2</sub>, PR
- Temperature, Pressure compensation system and Zero readjustment system
- Balance gas compensation minimizing influence against other gases
- Lung pressure and temperature compensation (BTPS compensation) available optional & additional cost
- Applicable for intubated or non-intubated patients
- Pump flow for adult and infant
- Water filter specially designed for heavy humid environment
- Audio and Visual alarm for exceeding limits and Apnea
- 24 hours graphic trend can be stored after power-off
- USB Connectivity to PC for data transfer

### MoveOxy™ Pulse Oximetry

Equipped with MoveOxy™ advanced digital SpO<sub>2</sub>, the MicroCap 9 handheld Capnograph and Oximeter is capable of severe monitoring conditions, providing reliable SpO<sub>2</sub> and pulse rate measurements.

- Accurate monitoring even with weak pulse signals.
- Reliable monitoring in motion situation.
- Provides graphical trends and plethysmographic waveform



## TECHNICAL SPECIFICATIONS

### EtCO<sub>2</sub>/CO<sub>2</sub>

**EtCO<sub>2</sub>/CO<sub>2</sub> range:** 0 -150mmHg(0-20kPa, or 0-20%(V/V))

**Accuracy:** ±2mmHg when 0-40mmHg  
±5%(reading) when > 41-70mmHg  
±8%(reading) when > 71-100mmHg  
±10%(reading) when > 101-150mmHg

**Update:** Every breath, 10sec, 20sec or 30sec selectable

**Trend length:** 24 hours

### RESPIRATION RATE

**Range:** 3-150t/min

**Accuracy:** ±1 %(reading) or ±1 times/min whichever is greater

**Trend length:** 24 hours

**Flux:** 50-250cc/min selectable

### SpO<sub>2</sub>

**Oximetry saturation range:** 0-100%

**Accuracy:** ±2% when 70-100%  
±3% when 50-69%

**Trend length:** 24 hours

### PULSE RATE

**Range:** 30-250 bpm

**Accuracy:** ±2bpm or ±2%(reading) when 30-250bpm

**Trend length:** 24 hours

### POWER

**AC input:** 100V-250V, 50Hz/60Hz

**AC power consumption:** 5W

### OPERATION

**Working temperature:** 5-40 °C

**Humidity:** 30 - 75% (non-condensing)

**Atmospheric pressure:** 86 - 106kPa

### BATTERY

**Battery type:** Built-in rechargeable lithium battery

**Battery capacity:** 3.6V, 3000mAh

**Working time:** 10 hours

### PHYSICAL DATA

**Dimension:** 70mm(W) x 160mm(H) x 40mm(D)

**Weight:** 600grams

### LANGUAGE

English/ Spanish/ Dutch