

Patient Monitoring

that's full-featured and highly portable

The Capnocheck II hand-held capnograph/oximeter delivers capnography only or capnography combined with oximetry, according to your specifications. Ideally suited for use in and out of the hospital, its back-lit display assures easy viewing of waveforms, numeric values and on-screen trending data.

The battery-operated design with an optional battery bypass offers the flexibility to accommodate both stationary and transport applications. Plus, an infrared link to an external printer provides quick, trouble-free downloading.

This monitor comes with a battery and charger, sample lines, a protective cover and user manual. The Capnocheck II is also available with a Y-site probe and clips for SpO₂ monitoring.



► A Quick Look

- measures ETCO₂, inspired CO₂, respiration rate, SpO₂ and heart rate
- provides waveforms, numeric values and on-screen trending
- easy-to-read EL back-lit LCD display
- adjustable alarm limits, as well as visual and auditory alarms
- sidestream technology accommodates intubated and non-intubated patients
- lightweight for easy transport
- infrared link to an external printer assures trouble-free download
- reusable and disposable sensors available

Hand-Held Capnograph/Oximeter

Equipment for the way *you* operate

Technical Specifications

DISPLAYS, INDICATORS & KEYS

| | |
|-------------------------------------|---|
| Display | LCD, with EL back light |
| Indicators | high & medium/low priority alarm alarms silenced, and AC power |
| Displayed Trends | graphical display for ETCO ₂ , respiration rate, % SpO ₂ , or pulse rate; user selectable scale |
| Displayed Waveforms | CO ₂ waveform or oximetry plethysmogram, user selectable |
| Pulse Strength (Optional) | 8-segment bar graph indicates logarithmic strength of patient's pulse. Not proportional to pulse volume. |

CAPNOGRAPH

| | |
|---|--|
| Measurement | non-dispersive IR absorption |
| Calibration | manual 2 point |
| Measurement Range | 0 to 10% CO ₂ STPD (standard temperature and pressure dry) |
| Display Range | 0 to 100 mmHg; 0-13.3 kPa; 0-10% CO ₂ |
| Accuracy | ±2 mmHg or 4% (whichever is greater) (for <50 breaths/min) |
| System Response Time | .246s to 90% with 8 ft. patient line |
| N ₂ O Compensation | selectable 40% (default = OFF) |
| Averaging | .4-breath average |
| Flow Rate | 120 ± 20 ml/min |

RESPIRATION RATE

| | |
|-----------|----------------------|
| Range | 0 to 150 breaths/min |
| Accuracy | ± 1 bpm |
| Averaging | 4-breath average |

SPO₂ (OPTIONAL)

| | |
|---------------------|---|
| Range. | .0 to 100% SpO ₂ (functional) |
| Accuracy. | ± 2% at 70 to 100% SpO ₂ ± 3% at 50 to 69% SpO ₂ |
| Averaging | 8 beats |

PULSE RATE (OPTIONAL)

| | |
|-----------|-------------------------------------|
| Range | 30 to 254 bpm |
| Accuracy | ±2 bpm or 2% (whichever is greater) |
| Averaging | 8 beats |

ALARMS

| | |
|-------------------------|--|
| Physiological | user-selectable high & low limits, adjustable volume, screen indicators |
| System | adjustable volume |
| Silence | temporary 2 min or indefinite (permanent) LED indicator |

SERIAL OUTPUT

Infrared Port compatible with MCP8850B Printer
or similar device.
Data Format non-standard format - 500 baud
Optionstext only, no graphics
 user selectable patient data log or trend variables

POWER REQUIREMENTS

AC Power 120 V~, 60 Hz; 230 V~, 50/60 Hz
100 V~, 60 Hz (optional)
Battery Charger MoliEnergy

BATTERY LIFE

LI+ (lithium-ion), 7.4 VDC. User replaceable, internal rechargeable. Fully charged continuous life of approximately 6 hours. Maximum full-capacity charging is 2.5 hours.

DIMENSIONS

Base Unit. 5.0" H x 4.38" W x 2.9" D
(12.2 cm H x 11.1 cm W x 7.37 cm D)

WEIGHT 22 oz. (0.63 kg)

ENVIRONMENTAL

Operating Temperature 32°F to 122°F
(0°C to 50°C)
Storage Temperature. -40°F to 167°F
(-40° to 75°C)
Relative Humidity (non-condensing)
15-95% (storage) / (0-95% (operating))

STANDARDS

EN60601-1 (IEC 60601-1), UL544
EN60601-1-2 (IEC 60601-1-2)

REGULATORY COMPLIANCE

ISO 9001/ISO 13485

CATALOG NUMBER

| | |
|---------------|--|
| 8400. | Capnograph II Hand-Held Capnograph/Oximeter |
| 8401. | Capnograph II Hand-Held Capnograph |