

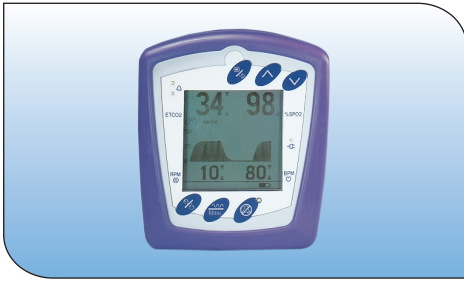
Capnocheck® II Hand-Held Capnograph/Oximeter



The BCI® Capnocheck® II Hand-Held Capnograph/Oximeter is a full-featured, highly portable unit available in your choice of configurations, delivering capnography only or capnography combined with oximetry. 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.

For more information visit smiths-medical.com/bci.

PATIENT MONITORING



Capnocheck® II Hand-Held Capnograph/Oximeter

- 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.
- Monitor patients ranging from pediatric to adult.
- Genuine BCI® reusable and disposable sensors available.

Technical Specifications

DISPLAYS, INDICATORS AND KEYS

- **Display**
LCD, with EL back light
- **Indicators**
High and medium/low priority alarm, Alarms silenced, and AC power
- **Displayed Trends**
Graphical display for ETCO₂, respiration rate, % SpO₂, or pulse rate; user selectable scale
- **Displayed Waveforms**
CO₂, 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% CO₂ STPD (standard temperature and pressure dry)
- **Display Range**
0 to 100 mmHg; 0-13.3 kPa; 0-10% CO₂
- **Accuracy**
±2 mmHg or 4% (whichever is greater) (for <50 breaths/min)
- **System Response Time**
2.46s to 90% with 8 ft. patient line
- **N₂O 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% SpO₂ (functional)
- **Accuracy**
±2% at 70 to 100% SpO₂
±3% at 50 to 69% SpO₂
- **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 and 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
- **Options**
Text only, no graphics. User-selectable patient data log or trend tables.

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)
10-95% (operating)

STANDARDS

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

REGULATORY COMPLIANCE

ISO 9001/ISO 13485

CATALOG NUMBER

- **8400**
Capnocheck® II Hand-Held Capnograph/Oximeter
- **8401**
Capnocheck® II Hand-Held Capnograph

Information subject to change without notice. Please read the Instructions for Use supplied with the product for detailed instructions, warnings and cautions.

Q-Line for U.S.A. customers: call 1-800-348-1842 for clinical application information.

For more information, please call Smiths Medical PM, Inc., at 262-542-3100 or 800-558-2345, or your Smiths Medical distributor.

Smiths Medical PM, Inc.

Patient Monitoring and Ventilation
N7W22025 Johnson Drive, Waukesha, Wisconsin 53186 USA
Phone: 262-542-3100 Fax: 262-542-0718 Toll-Free: 800-558-2345
www.smiths-medical.com/bci

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