



CAPNOCHECK® II HAND-HELD CAPNOGRAPH/OXIMETER

THE BCI ADVANTAGE

- 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 & disposable accessories available

Full-featured performance with hand-held versatility



The **CAPNOCHECK® II HAND-HELD CAPNOGRAPH/OXIMETER** is a full-featured, highly portable unit in your choice of designs, 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-bci.com.

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Smiths Medical – a part of Smiths Group plc

CAPNOCHECK® II HAND-HELD CAPNOGRAPH/OXIMETER

SPECIFICATIONS:

Displays, Indicators & Keys:

| | |
|-----------------------------|--|
| Display | LCD, with EL back light |
| Indicators | High and 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 bargraph indicates logarithmic strength of patient's pulse. Not proportional to pulse volume. |

Capnograph:

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| 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 kPa; 0-10% CO ₂ |
| Accuracy | ±2mmHg or 4% of reading, whichever is greater |
| System Response Time | 2.46s 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:

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

SpO₂ - (Optional):

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| Range | 0 to 100% SpO ₂ (functional) |
| Accuracy | ±2% at 70 to 100% SpO ₂ , less than 70% unspecified |
| Averaging | 8 beats |

Pulse Rate - (Optional):

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

Alarms:

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|---------------|---|
| Physiological | User-selectable high and low limits, adjustable volume, screen indicators |
| System | Adjustable volume |
| Silence | Temporary 2 min. or infinite, LED indicator |

Serial Output:

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|---------------|---|
| Infrared Port | compatible with HP82240B 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:

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|---------------------|---|
| AC Power (Optional) | 120V~, 60Hz; 230V~, 50/60Hz 100V~, 60 Hz |
| Battery Charger | MoliEnergy |
| Battery | Li+ (lithium-Ion), 7.4 VDC Replaceable, internal rechargeable. Fully-charged continuous life of approximately 6 hours. Maximum full-capacity charging is 2.5 hours. |

Physical:

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|-------------|---|
| Dimensions: | 5.0" H x 4.38" W x 2.9" D 122mm H x 111mm W x 73.7mm D |
| Weight | 22 ounces (0.63 Kg) |

Environment:

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|------------------------------------|--|
| 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 to 95% (operating) 10 to 95% (storage) |

Standards:

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|------------------------------------|
| EN60601-1 (IEC 60601-1) |
| UL544, CSA Std. C22.2 No. 125-1984 |
| EN60601-1-2 (IEC 60601-1-2) |

Regulatory Compliance:

510(k): K991086
ISO 9001 / EN 46001



CE 0473

Catalog Numbers:

| | |
|------|---------------------|
| 8400 | Capnograph/Oximeter |
| 8401 | Capnograph |

SPECIFICATIONS 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 emergency and clinical application information 24 hours a day, 365 days a year. Experienced Clinical Specialists will return your call and assist with any questions you may have.

For more information or for the name of your representative, contact BCI, Inc.



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The product described is covered by U.S. Patent No. 5,386,833
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