

smiths

The Smiths Medical PM, Inc.
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 sensors available

CAPNOCHECK® II HAND-HELD CAPNOGRAPH/OXIMETER

Full-featured performance with
hand-held versatility



The **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.

CAPNOCHECK® II HAND-HELD CAPNOGRAPH/OXIMETER

SPECIFICATIONS:

Displays & Indicators:

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:

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 (for <50 breaths/min)
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:

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
Please read the Instructions for Use supplied with the product for detailed instructions, warnings, and cautions.

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 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:

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:

Dimensions:	5.0"H x 4.38"W x 2.9"D 12.2cm H x 11.1cm W x 7.37cm D
Weight	22 ounces (0.63 Kg)

Environment:

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:

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/ISO 13485



CE 0473

Catalog Numbers:

8400	Capnograph/Oximeter
8401	Capnograph

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, please call Smiths Medical PM, Inc. Patient Monitoring and Ventilation at 262-542-3100 or 800- 558- 2345 or your Smiths Medical distributor

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