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The Smiths Medical PM, Inc. **ADVANTAGE**

- High-resolution vacuum fluorescent display
- Simplified menu structure for easy operation
- Economical sidestream technology
- Monitor intubated and non-intubated patients
- Breath-by-breath CO₂ detection allows rapid response to patient changes
- Flexibility to incorporate SpO₂ and FiO₂ technology options
- 4-channel analog output for polysomnography interfacing
- Genuine BCI® reusable & disposable sensors available



The **CAPNOCHECK® PLUS CAPNOGRAPH** combines economical End Tidal CO_2 technology with the flexibility to add pulse oximetry and FiO_2 as needed. What's more, this lightweight, portable monitor reliably monitors either intubated or non-intubated patients and features crisp, clear waveforms with large numerics for easy viewing... making it ideal for your demanding clinical environments. For more information, visit smiths-medical.com.

CAPNOCHECK® PLUS CAPNOGRAPH

SPECIFICATIONS:

Displays & Indicators:

Vacuum fluorescent Display Indicators Alarm, Charge, Silenced

Displayed Trends Graphical display, user selectable

sample rate, user-selectable trend up to 16 hr. display at 12 sec. sample rate, up to 10 hr. display at 4 sec. sample rate

Displayed Selectable CO₂ or CO₂/Plethysmogram

Waveforms Waveform

Alarms:

Physiological Adjustable volume, user-selectable high

and low limits for all displayed

parameters

Screen indicators for each parameter

System Adjustable volume

Silence Temporary 2 min. or indefinite LED indicator

Flow Rate:

150 ml/min, ±/-20

Measurement Non-dispersive IR absorption

Measurement

Range 0-10% CO₂

Units User-selectable: mmHq, Vol. %, kPa

Display Range 0-100 mmHg or 0-10.0% CO₂

or 0-13.3 kPa

Accuracy ±2 mmHg; ±0.3%; ±0.3 kPa, or 4% of

reading, whichever is greater (0-10%CO₂)

Resolution 1 mmHg; 0.1%; 0.1 kPa

2 point Cal Calibration

 N_20-

Compensation User-selectable 40% (default = OFF)

Rise Time 360ms (average)

4-breath average, or breath-by-breath, Averaging

user selectable

Respiration Rate:

Range 0-150 bpm Averaging 4-breath average

Accuracy ± 1bpm

SpO₂ (Optional):

Range 0-100% functional SpO₂

Accuracy ±2% at 70-100%; ±3% at 50-69%

Averaging 4, 8, or 16-beat, user selectable (default: 8)

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Please read the Instructions for Use supplied with the product

for detailed instructions, warnings, and cautions.

Pulse Rate (Optional):

30-250 bpm Range Accuracy ±2% at 30-250 bpm

8 or 16 seconds, user selectable Averaging Pulse Tone Pitch corresponds to SpO₂ value

Volume adjustable or OFF

FiO₂ (Optional):

Range 0-100% ±2% Accuracy

Response Time < 10 seconds to 90% < 2% full scale per month Drift

Power:

115V~, 60 Hz AC Charger

(Optional) 100V~, 50 Hz Input

(Optional) 230V~, 50/60 Hz

Battery Nickel Cadmium battery, 6 VDC, internal

rechargeable, not user replaceable, fully charged continuous-use life 2 hours approximate, maximum full charge time

4 hours.

Serial Output:

RS232C Tabular trends, patient data

Analog Output:

Any three of: CO₂ waveform, Plethysmogram, End Tidal CO₂, Respiration Rate, Inspired CO₂, % SpO₂, Pulse Rate Fractional

Inspired Oxygen, OV or 1V Cal Signal Range 0-1 VDC full scale

Physical:

3.5" H x 10.0" W x 5.5" D **Dimensions**

(8.9 cm H x 25.4cm W x 13.9cm D)

Weight 4.8 pounds (2.2 kg)

Environment:

Operating Temperature 32°F to 122°F (0°C to 50°C) -40°F to 158°F (-40°C to 70°C) Storage Temperature

Relative Humidity 10-95% (storage) (non-condensing) 15-95% (operating)

Standards:

EN60601-1, EN60601-1-1, UL 544, EN60601-1-2,

CSA Std. C22.2 No. 125-1984

Regulatory Compliance

510(k): K970209

ISO 9001/ISO 13485





Catalog Number:

9004 Capnocheck® Plus Capnograph Available languages: English, German, French, Italian,

Spanish, Portuguese

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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Smiths Medical PM, Inc.

Patient Monitoring and Ventilation N7 W22025 Johnson Drive, Waukesha, Wisconsin 53186 USA Phone: 262-542-3100 Fax: 262-542-0718 Toll-Free: 800-558-2345 www.smiths-medical.com

The product described is covered by U.S. Patent Nos. 5,386,833; 5,437,275 BCI and Capnocheck are trademarks of the Smiths Medical family of companies
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