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.

» *Available parameters: $EtCO_2$, Inspired CO_2, Respiration SpO_2 (optional) and Pulse Rate (optional).*

» *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.*

» *Monitor patients ranging from pediatric to adult.*

» *Genuine BCI reusable & disposable accessories available.*

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

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_2O 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

SpO_2 (Optional)

Range	0 to 100% SpO_2 (functional)
Accuracy	±2% at 70 to100% SpO_2, less than 70% unspecified
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 infinite, 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 122mm H x 111mm W x 73.7mm 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 / EN 46001 | CE 0473
Specifications and parameter availability subject to change without notice.