

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



Catalog Numbers:

8400	Capnograph/Oximeter
8401	Capnograph