

MiniCorr

DIGITAL HAND-HELD PULSE OXIMETER
With Serial Autocorrelation (SAC) Technology



EASY TO USE, 5-KEY OPERATION
OPERATES IN DIFFICULT ENVIRONMENTS
INFRARED LINK TO PRINTER
LIGHTWEIGHT FOR EASY TRANSPORT
BATTERY OR BATTERY BYPASS
BOOT IS AVAILABLE



The BCI, Inc. MiniCorr Digital
Hand-Held Pulse Oximeter monitors
SpO₂, Pulse Rate and Pulse
Strength. Designed to provide fast,
reliable measurements on
challenging patients, the device
rejects spontaneous motion and
other artifacts, informs the
operator of excess artifacts and
improper sensor positioning, and
processes low perfusion signals.
Designed for spot-checking
or bedside monitoring, this
portable unit is ideal for use
in home care and clinical
environments, as well as during
sleep screening.

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DIGITAL HAND-HELD PULSE OXIMETER

Specifications:

Displays, Indicators & Keys:

| | |
|------------------|--|
| SpO ₂ | LED numeric display 0.3 inch (8 mm) high |
| Pulse Rate | LED numeric display 0.3 inch (8 mm) high |
| Pulse Strength | Logarithmically scaled, 8-segment bar graph |
| Low Battery | LED lights when approximately 30 minutes of battery life remain |
| Audio Disabled | LED lights to indicate temporary or indefinite status |
| Sensor | LED lights to indicate an Oximeter sensor problem |
| Artifact | LED lights to indicate the presence of excess motion or other artifact |
| Power | Green LED indicates the monitor is connected to AC power |
| Keys | On/Off; Alarm Select; Alarm Silence; UP arrow Alarm Limit/Pulse Volume Adjustment; DOWN arrow Alarm Limit/Pulse Volume Adjustment; Print/Clear |

SpO₂:

| | |
|-------------|---|
| Range | 0-99% |
| Accuracy | ±2% @ 70-99% ±3% @ 50-69% |
| Alarm Range | High: 50-99% & OFF (1% steps) Low: 50-98% & OFF (1% steps) |
| Averaging | 4, 8 or 16 beat average |

Pulse Rate:

| | |
|-------------|---|
| Range | 30-254 bpm |
| Accuracy | ±2% at 30 to 254 bpm |
| Alarm Range | High: 5-254 bpm & OFF (1 bpm steps) Low: 5-254 bpm & OFF (1 bpm steps) |
| Averaging | 8 or 16 second average |

Pulse Strength:

8-segment bargraph indicates logarithmic strength of patient's pulse
Not proportional to pulse volume.

Trend Storage:

| | |
|------------|--|
| Parameters | SpO ₂ , Pulse Rate, Signal Strength, Relative Time |
| Interval | 4 seconds to 30 seconds |
| Capacity | 12 hours of storage at 4 sec interval 24 hours of storage at 8 sec interval 90 hours of storage at 30 sec interval |

Physical:

| | |
|------------|--|
| Dimensions | 6.6"H x 2.75"W x 1.43"D 16.7 cm x 7.0 cm x 3.6 cm |
| Weight | 16 ounces (454 grams) with batteries |

Power:

| | |
|---------------------|------------------------------|
| Battery | 6 standard AA alkaline cells |
| External (optional) | External 12 VDC power supply |

Battery Life:

| | |
|----------------|----------|
| Alkaline Cells | 24 hours |
|----------------|----------|

Printer Output:

| | |
|----------------|--|
| Data Log Mode | SpO ₂ , Pulse Rate & Pulse Strength can be printed every 5 seconds |
| Trend Printing | When sensor is unplugged, trend data is sent with a speed defined by the infrared linked printer |

Environment:

| | |
|------------------------------------|--|
| Operating Temperature | 32°F - 131°F (0°C - 55°C) |
| Storage Temperature | -40°F-167°F (-40°C-75°C) |
| Relative Humidity (non-condensing) | 15 - 95% (operating) 10 - 95% (storage) |

MDD version available.

Catalog Number 3402

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 our Q-Line at 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 BCI representative, contact BCI, Inc.

Quality in Advanced Monitoring



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