

Long-Term Recording Pulse Oximeter

Model: BMD-5030B/C



Features:

The BMD-5030B/C PalmStar Pulse Oximeter is intended for noninvasive long term or spot check measurement of SpO₂. It can be used with adult, pediatric and neonatal patients and it offers accurate and reliable performance in monitoring condition of low perfusion and signal interference. Small and lightweight make it is very suitable to hook up with the patient for all night monitoring, even more than a whole day. Graphic LCD shows SpO₂, pulse rate, or working state much clear. Easy-to-use push lever switch to select menus and enter operating parameters. Popular SD card is almost unlimited for continuous patient data.

Specifications:

Display range

SpO₂: 0% ~ 100%
PR: 25 ~ 254 BPM

Resolution

SpO₂: 1%, PR: 1 BPM

Accuracy

SpO₂: 71% ~ 100%: ± 2%
(almost all within ± 1%)
35% ~ 70%: ± 4%
(almost all within ± 2%)
0% ~ 34%(*): unspecified
PR: ±1% 100 BPM or over
1 BPM under 100 BPM

Probe

All BCI SpO₂ probes or compatible probes

LCD display

SpO₂, Pulse rate, Waveform, Trend

Storage medium

SD card (removable, BMD-5030C only)

Battery

2 x AA size batteries

Battery life

Alkaline: 72 hours (typical)

Safety type

Type BF equipment with internal power
Continuous operation

Size

82.5 x 60 x 20 mm³

Weight

65 g (excluding batteries)

Warranty

One year

All veracities were adjusted by BIO-TEK's INDEX 2
SpO₂ Simulator except (*)

BIOX Instruments Co., Ltd.

