

# SpO<sub>2</sub> MONITOR

## INTRODUCING Palmcare plus™ HIGH performance handheld pulse oximeter



Palmcare Plus™

### FEATURES

- ⦿ Handheld pulse oximeter for every occasion
- ⦿ SpO<sub>2</sub> solution on board: ITEC® technology  
CHIPO2PM™ adapted for extremely persistent performance as well as anti-movement stability that ensures even anti-low perfusion oximetry performance (PI: Perfusion index 0~ 20%)
- ⦿ Default of 3 rotational configurations.
- ⦿ Displays Plethysmography waveform
- ⦿ High Quality 2.8" TFT LCD
- ⦿ **Optional:** Available with the Long lasting HEAVY DUTY (4~6 hours) battery PACK
- ⦿ Automatic Power Saving MODE
- ⦿ FOR ALL AGES including NEONATES
- ⦿ **Optional:** Available with Clamp for IV pole hanging

SpO<sub>2</sub>  
CHIPO2  
Inside!

### APPLICATIONS

ENDOSCOPY ROOM	Emergency Vehicle	Emergency Room	Minor Operation	Health Center	Nursery Homes	VET
✓	✓	✓	✓	✓	✓	✓

# Technical Specification & Ordering information on Palmcare plus



## DISPLAY

Size: 2.8 inches / 44.8(W) x 63.1 (H) (mm)  
 Color: 16 bit / Resolution: 320 x 240  
 Parameter:  
 Blood Oxygen Saturation (SpO<sub>2</sub>), Pulse Rate, Vertical bar,  
 Horizontal Graph

## Output Port: USB (mini B type)

## Language

ENGLISH, GERMAN, ITALIAN, FRENCH, SPANISH

## Performance-Blood Oxygen Saturation(SpO<sub>2</sub>)

Display Range  
 - SpO<sub>2</sub> : 0% ~ 100%  
 - Pulse rate : 30 ~ 254 bpm  
 Limits/ - Preset Range

	Adult	Neonates
Saturation High (SpO <sub>2</sub> )	100%	95%
Saturation Low (SpO <sub>2</sub> )	85%	80%
Pulse Rate High	140 bpm	200 bpm
Pulse Rate Low	55 bpm	100 bpm

- Alarm Range

	HIGH	LOW
Saturation	50-100 & OFF(1% steps)	50-99% OFF(1% steps)
Pulse Rate	30-254 bpm & OFF	30-254 bpm & OFF

- Saturation Accuracy (SpO<sub>2</sub>(%) ± 1SD)

Saturation	± 2% @ 70-100% < 70% unspecified
Pulse Rate	± 2 bpm or ± 2 % (whichever is greater) @ 30-300 bpm

Perfusion Index: 0 - 20%

## Trend Memory

Blood Oxygen Saturation and Pulse rate memories  
 (For maximum 72 hours)

## Power requirements & Battery

Voltage input: 100-240VAC, 50-60Hz  
 Battery charger: 5V DC 2.0Ahm  
 Battery type: Li-ion battery  
 Battery capacity: 2hours (STD) / Heavy Duty: 6 hours (OPT)  
 Charging time: 1.5 hours(STD) / Heavy Duty: 3 hours(OPT)

## Ordering (Predefined configuration)

STD/OPT	Cat No	Trademarks, product description
STANDARD (STD)	BPM0100	BIONICS® Palmcare plus, Handheld Pulse Oximeter (STANDARD PACKAGE)
OPTIONAL	BPM0100D	BPM0100 with HEAVY DUTY BATTERY PACK

## STANDARD Accessories & in-box items including

Monitor (1)  
 SPO<sub>2</sub> probe for adult (1)  
 User Manual (1)  
 AC-DC Adapter and power cord (1)

## USE environment

Temperature: Operation - 10-40°C (50-104°F)  
 Storage/Transportation - 10-50°C(14-122°F)  
 Humidity: Operation - 30-85%, non-condensing  
 Storage/Transportation - 20-95%, non-condensing  
 Operating Pressure: 70-106 kPa



## EXTRA APPLICABLE OPTIONS

★ Heavy duty BATTERY PACKAGE IS AVAILABLE FOR PALMCARE PLUS MONITOR  
 ★ FOR OTHER INFORMATION ON PURCHASABLE ACCESSORIES, PLEASE ASK REMED SALES REPRESENTATIVE.

Contents may be different and is subject to change without notice

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