

M800 Handheld Pulse Oximeter

SENSING

ANALYSIS

DELIVERY



M800 HANDHELD PULSE OXIMETER OVERVIEW

The M800 handheld pulse oximeter combines many popular features into one compact, user-friendly design. It is equipped with adjustable alarms and also provides visual indicators on a bright 2.4" OLED display. The M800 also features a gravity activated automatic display rotation for easy viewing in multiple orientations. This product is available from Maxtec with or without an optional rechargeable lithium-ion battery and cradle.

PART NUMBERS

M800.....	.R123P17
M800 VET.....	R123P17-001
M800.....	.R123P18
<i>w/lithium battery & cradle</i>	
M800.....	.R123P18-001
<i>w/lithium battery & cradle VET</i>	

Specifications

Patient Range	Adult, Pediatrics, & Neonate
SpO₂	
Measurement Range	0% - 100%
Resolution:	1%
Measurement Accuracy	70% - 100%: ± 2%; 0% to 69%: unspecified
Refreshing Rate	<13 seconds
Pitch Tone	Yes
Pulse Rate	
Measurement Range	25 - 250 bpm
Resolution	1 bpm
Measurement Accuracy	± 2% or ± 1 bpm, whichever is greater
Refreshing Rate	<13 seconds
Display	
Type	2.4" dual color OLED display (320x240 pixels)
Parameters	Digital SpO ₂ , Pulse Rate, Pleth Bar & SpO ₂ Waveform
Mode	Multi-Directional Display (gravity activated)
Brightness	Adjustable
Sound	
Type	Single tone
Probe Off Alarm	20 second interval
Indicators	Pulse, battery low, switch
Alarm	
Alarm	Audible alarm, button tone & beep tone; pitch tone & multi-level volume
Mode	Audible & visual
Mechanical	
Dimensions	58.5mm (W) x 123mm (H) x 28mm (D)
Weight	<200g
Battery	
Type	3-AA Alkaline OR Optional Lithium ion rechargeable battery
Runtime	>16 hours for normal measurement status
Safety Standards	
SFDA classification	II
CE classification	IIb
Electric Shock Protection	II, with internal power device
Degree of protection against electric shock	CF
Degree of protection against ingress of liquid	IPX1
Equipment type	Handheld
Data Storage	
Display method	Trend Tabular
Trend interval	2 seconds to 30 minutes
Trend parameter	PR, SpO ₂
Trend data	Spot-check mode; ID from 1 to 99, 300 group for each ID
Continuous monitor mode	60000 group can be stored