

PULSE OXIMETER

Model i31

The Digital Finger Pulse Oximeter offers the features of a conventional oximeter in a compact, user friendly, portable configuration. The i31 accurately measures Blood Oxygen Saturation levels (SpO₂), Heart Pulse Rate (PR) & Perfusion Index (PI) along with a SpO₂ waveform on an easy-to-read light-emitting diode (LED) display.

Simple to use, this unique device delivers near immediate results. Just place the unit on your finger and within seconds, the i31 will display accurate readings of your SpO₂, Heart Pulse Rate (PR) along with a SpO₂ waveform on an ideal for all medical (hospital, clinics, EMS) and homecare related applications where fast measurement of vital signs is required.

Features

- 4 Colors LED display, adjustable brightness
- Displays SpO₂, PR, PI, SpO₂ waveform (pleth or line)
- Displays signal strength
- Four display modes, Convenient to overview the data
- Low voltage indicator, Low power consumption
- 2 AAA alkaline batteries
- Automatic power-off design
- Light, compact, attractive design

FDA CE RoHS

ISO 13485:2016 | ISO 9001:2015 | ISO 14001:2015



MAKE IN INDIA



Specifications

Patient Range	
Adult, Pediatric	
SpO₂	
Range	35% ~ 99%
Resolution	1%
Accuracy	±2% for range of 70% ~ 99%
Method	
Dual Wavelength LED	
Heart (Pulse) Rate	
Range	30bpm ~ 220bpm
Resolution	1bpm
Accuracy	±2bpm
Perfusion Index	
Range	0.8% ~ 20%
Resolution	0.5%
Accuracy	±0.3%
Display	
Type	Color OLED Display
Parameters	SpO ₂ , PR, PI, Waveform (pleth, line)
Information	
Low Battery Indicator	
Environmental	
Operating Temperature	5°C ~ 45°C
Storage Temperature	-10°C ~ +50°C
Operating Humidity	15% ~ 80%, non-condensing
Storage Humidity	10% ~ 93%, non-condensing
Classification	
Type of Protection	Internally Powered Equipment
Safety	Ingress Protection IP22
Mechanical	
Size	57 x 31 x 32mm
Weight	25.2gm (without battery)
Battery	
Type	2 AAA 1.5 Volt Alkaline Batteries
Operation Time	Minium 20hrs for normal operation

Design and product specifications are subject to change without notice.



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GST NO. 27AAMCS0560N1ZW PAN No. : AAMCS0560N CIN U29193PN2008PTC132182