MEDIAID

MODEL 30B

Pulse Oximeter with Bar Graph Displays for Spot Checking

Applications

Physician's Office, Hospitals, Clinics, Diagnostic Centres, Home Health Care.

Key Features

- Hand held pulse oximeter designed for convenience in spot checking

- Bright LED displays indicate oxygen saturation and heart rate from any angle and in most lighting conditions

- Bar graph displays for Pulse Amplitude and Perfusion Quality indication

- Simple keypad layout makes units user friendly

- Unique averaging sequencing technique updates values and provides faster response times

- Continuous battery condition indicator

- Fits easily into lab coat pocket

Specifications

Pulse Oximetry and Heart Rate

Display	Two 3 Digit, 7-Segment LED for %SpO$_2$ & Pulse Rate
	Two 10-Segment LED Bar graph for Pulse Amplitude (PA) and Perfusion Quality (PQ) indication

Resolution

SpO$_2$	1%
Pulse	1 BPM

Range

SpO$_2$	0 – 100%
Pulse	25 – 250 BPM

Reading Accuracy

SpO$_2$	100 – 70%, ± 2%
	Less than 70%, Unspecified
Pulse	0 BPM, ± 2 BPM or 2%
	whichever is greater

Sensors

Mediaid Pulse Oximetry sensors with Compushield® Connector

Size & Weight

Size	5.5 in x 3 in x 1.1 in (L x W x H)
	14 cm x 7.6 cm x 2.7 cm (L x W x H)
Weight	200 gm, 7.05 oz (without sensor)

Electrical Ratings

Battery Type	AAA Battery
Battery Run Time	21 Hours of Operation

Environmental conditions
(Acceptable conditions for operating, storage and transport)

Atmospheric Pressure	770 to 282 mmHg
	1026 to 377 hPa
Humidity	5 to 95% (non condensing)
Operating Temp	0 to 40°C
Storage / Transport Temp	-30 to 65°C

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