



# MODEL 30B

## Pulse Oximeter with Bar Graph Displays for Spot Checking



### 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

### Applications

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

### Specifications

#### Pulse Oximetry and Heart Rate

<b>Display</b>	Two 3 Digit, 7-Segment LED for %SpO <sub>2</sub> & Pulse Rate Two 10-Segment LED Bar graph for Pulse Amplitude (PA) and Perfusion Quality (PQ) indication
<b>Resolution</b>	SpO <sub>2</sub> 1% Pulse 1 BPM
<b>Range</b>	SpO <sub>2</sub> 0 – 100% Pulse 25 – 250 BPM
<b>Reading Accuracy</b>	SpO <sub>2</sub> 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

<b>Size</b>	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)
<b>Weight</b>	200 gm, 7.05 oz (without sensor)

#### Electrical Ratings

<b>Battery Type</b>	AAA Battery
<b>Battery Run Time</b>	21 Hours of Operation

#### Environmental conditions

(Acceptable conditions for operating, storage and transport)

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

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