MEDIAID

MODEL 31 DT

Desktop Pulse Oximeter with Alarms

Key Features

- Desktop pulse oximeter that is ideal for most continuous monitoring applications.

- 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.

- Audible Pulse tone varies in pitch with rise & fall of Oxygen Saturation.

- Audio and Visual alarms for Saturation & Pulse rate.

- Simple keypad layout makes units user friendly.

- Unique averaging sequencing technique updates values and provides faster response time.

- Continuous battery condition indicator.

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)	32 – 250 BPM
Reading Accuracy		
	(SpO$_2$)	70 – 100% ±2%
		Less than 70%, Unspecified
	(Pulse)	25 – 255 BPM, ±2 BPM or 2% whichever is greater
Alarm		
	High SpO$_2$	87 – 100%
	Low SpO$_2$	85 – 98%
	High Pulse	26 – 255 BPM
	Low Pulse	24 – 253 BPM

Sensors

Mediaid Pulse Oximetry sensors with Compushield® Connector

Size & Weight

Size	11.8 in x 8.0 in x 3.3 in (L x W x H)
	30 cm x 20.3 cm x 8.4 cm (L x W x H)
Weight	1.26 Kg, 44.34 ounce (without sensor)

Electrical Ratings

Battery Type	Rechargeable Lithium Ion
Battery Run Time	12 hours
Power Input	100 – 230 V AC, 50 / 60 Hz

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

Atmospheric Pressure	770 to 582 mmHg
	1026 to 775 hPa
Humidity	5 to 95% (non condensing)
Operating Temp	0 to 40 ºC
Storage / Transport Temp	-30 to 65 ºC

1010-60054-000