

# MODEL 100 SERIES

## Mini Pulse Oximeters

### Two Configurations – Cordless or Cabled

Series 100 oximeters can be used with either the Integral Sensor or with the Cable Adapter Module and a wide variety of adult and pediatric sensors. A patented feature permits an easy interchange between the two sensor configurations. Opening the Integral Sensor for finger placement automatically turns on the device. The large red LED display alternates between oxygen saturation and pulse rate every few seconds.

### Model 100

The Model 100 is the basic spot checking mini oximeter of the series and can be relied upon for fast and accurate measurements. A single "AA" alkaline battery gives approximately 1200 spot checks (Duracell Ultra recommended).

### Model 130

The Model 130 has memory to retain oxygen saturation and pulse rate data, and can operate in three different modes to best suit your needs:

1. The Model 130 can retain up to 30 minutes of information for a single patient, making the device ideally suited for treadmill or other long tests.
2. The Model 130 can also be used in walk around tests, sorting data for up to 20 consecutive patients, tagging each reading with a patient number, time, and date.
3. The Model 130 also includes expanded memory for sleep screening where data can be stored every 5 seconds for up to 10.5 hours.

Data stored in any mode can be printed or quickly transferred by infrared to a personal computer.

**Model 130  
with Cable  
Adapter and  
Soft Sensor**



**Model 100  
with Integral  
Finger Sensor**

## Equipment Specifications

### Oxygen Saturation & Pulse

Display	Three-digit, seven segment LED Alternates between Oxygen Saturation and Pulse Rate
Resolution	SpO2 1% Pulse 1 BPM
Range	SpO2 20-100% Pulse 25-250 BPM
Accuracy	SpO2 100-70% $\pm 2\%$ 69-60% $\pm 3\%$ Less than 60%, unspecified Pulse 25-200 BPM, $\pm 2$ BPM or 2% (whichever is greater) Above 200 $\pm 3\%$
Response Time	SpO2 8 sec for 80% of patients Pulse 8 sec for 80% of patients
Update Time	Continuous

### Dimensions

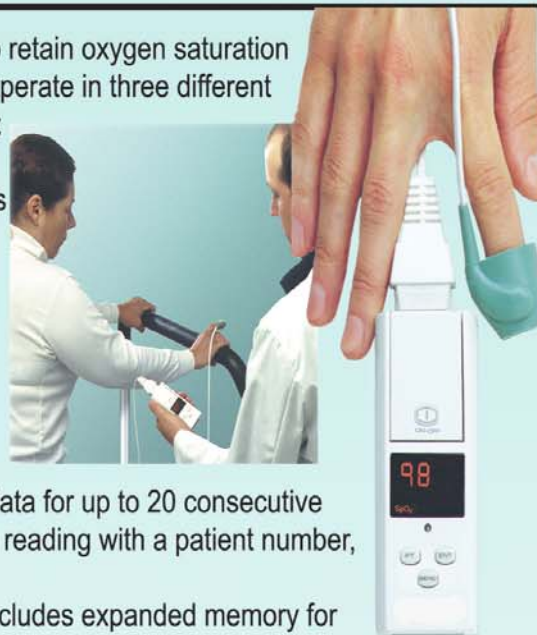
Size	4.7 in (L) x 1.8 in (W) x 1.0 in (H) 12 cm (L) x 4.7 cm (W) x 2.5 cm (H)
Weight	3.45 oz, 98 gm with either Integral Finger Sensor or Cable Adapter Module (weight includes battery)

### Power Source

Battery Type	one 1.5V "AA" Alkaline battery
Battery Life	Approximately 1200 spot checks

### Warranty

Models 100 & 130 each carry a two year warranty.  
(sensor and accessories not included)



### OxySoft™ Software

OxySoft™ pulse oximetry software is available on a CD-ROM and has been developed by Mediaid Inc. to display saturation and pulse rate data in a variety of helpful formats. OxySoft™ software enables the health care professional to present data in graphical or tabular format with relevant statistics. A zoom feature allows analysis in detail and comments may be added to the permanent file.