

# NANO SAT™

FINGER PULSE OXIMETER M50

*Fast and reliable pulse oximetry monitoring in a convenient pocket sized monitor. Criticare Systems, Inc., unveils its latest in pulse oximetry monitoring with the M50 NanoSAT™ finger pulse oximeter.*

## Features

- Extremely Lightweight: Less than 2 oz.
- Flexible soft tip integrated sensor provides improved patient comfort compared to competitor products featuring hard, hinged sensors.
- High quality LCD with backlight for easy reading.
- Displays SpO<sub>2</sub>, pulse rate and pulse bar for pulse quality.
- Up to 100 hours of continuous operation with one battery.
- Battery level indicator and automatic shutoff for battery conservation.



**Detect and assess changes in oxygen saturation quickly and effortlessly.** The small, pocket sized M50 finger pulse oximeter with integrated sensor is ideal for a variety of applications, including use in hospitals, home health care, EMS, and physicians' offices. The M50 works with both pediatric and adult patients.

The M50 NanoSAT finger pulse oximeter comes with a detachable lanyard for added mobility and easy patient application.

# M50 NanoSAT™ Finger Pulse Oximeter

## Technical Specifications

### SPO2 (Pulse Oximetry)

Range: 0 to 100%  
Accuracy: 70 to 100:  $\pm 2\%$   
< 70: Unspecified  
Resolution: 1%

### Pulse Rate

Range: 20 to 300 bpm  
Accuracy:  $\pm 2$  bpm  
Resolution: 1 bpm

### Response Time

4 heart beats

### Power Source

Battery Type: One CR2 Lithium Manganese battery  
Battery Life: 100 hours of continuous operation (on stable sampling mode) with one CR2 battery

### Display

LCD STN with white LED backlight

### Dimensions

Size: 2.16 in (L) x 1.77 in (W) x 1.57 in (H)  
(55 mm (L) x 45 mm (W) x 40 mm (H))  
Weight: 1.58 oz (45 g)

### Environmental Conditions

Operating Temperature: 32 to 104 °F  
(0 to 40 °C)  
Storage Temperature: -22 to 158 °F  
(-30 to 70 °C)  
Operating Humidity: 30 to 75%  
Storage Humidity: 10 to 90%, non-condensing  
Operating Atmospheric Pressure: 700 to 1060 Millibars  
Storage Atmospheric Pressure: 500 to 1060 Millibars

## Additional Pulse Oximetry Products Available

### 503DX MiniSpO2® Handheld Pulse Oximeter

CSI's proprietary DOX™ digital SpO2 and heart rate in one handheld monitor. 24 hours of continuous operation. The rugged, reliable, cost-effective solution for hospitals, clinics, private offices, and EMS.



### 504DX Portable Pulse Oximeter

Perform continuous or spot-check pulse oximetry on a broad range of patients, from neonate to adult. Exceptionally compact and portable with impressive capabilities – at a surprisingly affordable price.



### QSAT™ OEM Compatible SpO2 Sensors

Criticare Systems offers a wide range of OEM compatible pulse oximetry sensors for use with various manufacturers' pulse oximeters. Various style sensors are available for both reusable and disposable applications.



\* Additional styles and sizes available, in addition to those shown.

