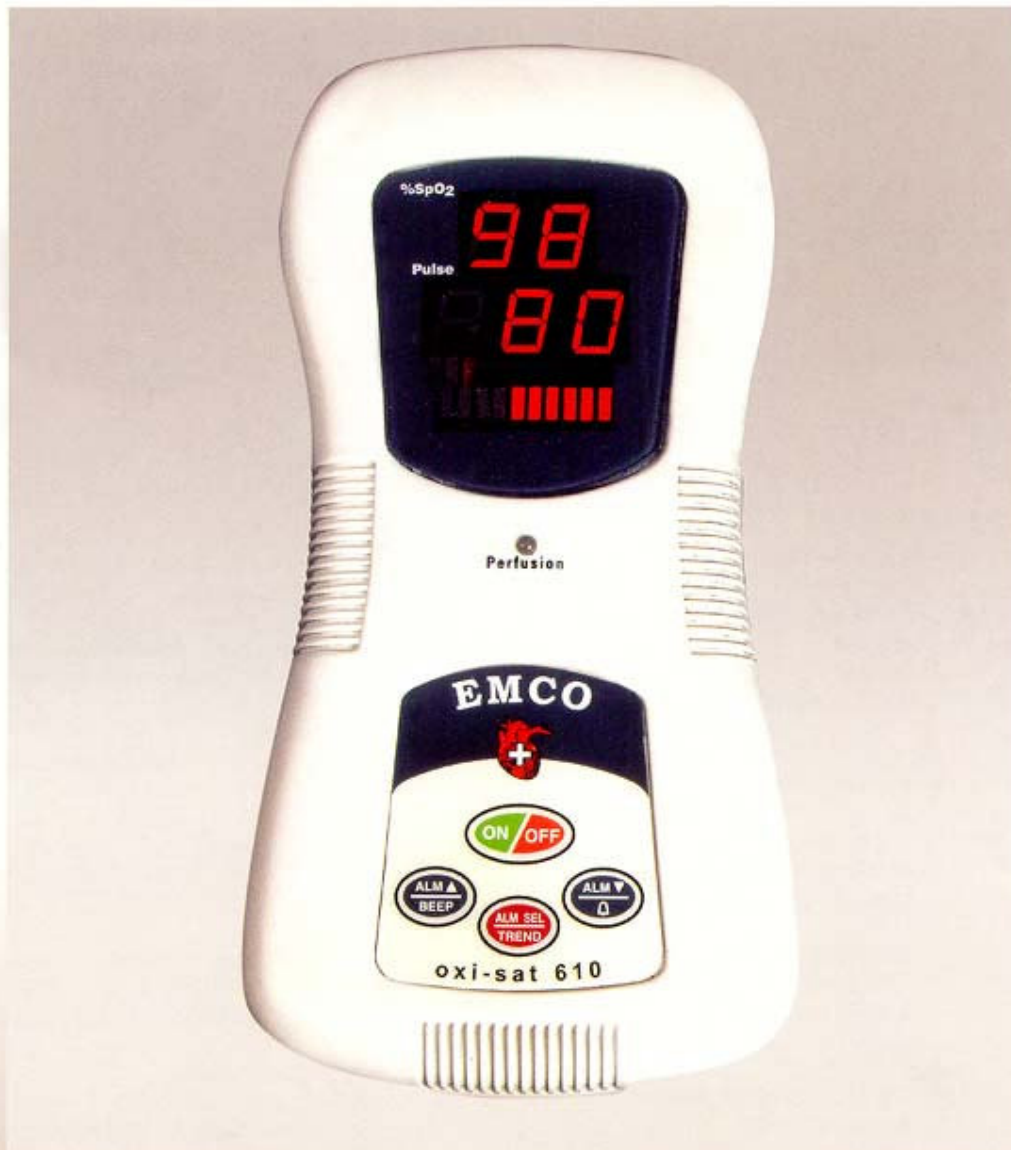




# EMCO

## Handheld Pulse Oximeter oxi-sat 610



\*Also Available Standard Handheld Pulse Oximeter 608



*At the Heart of Healthcare*

# Emco oxi-sat 610

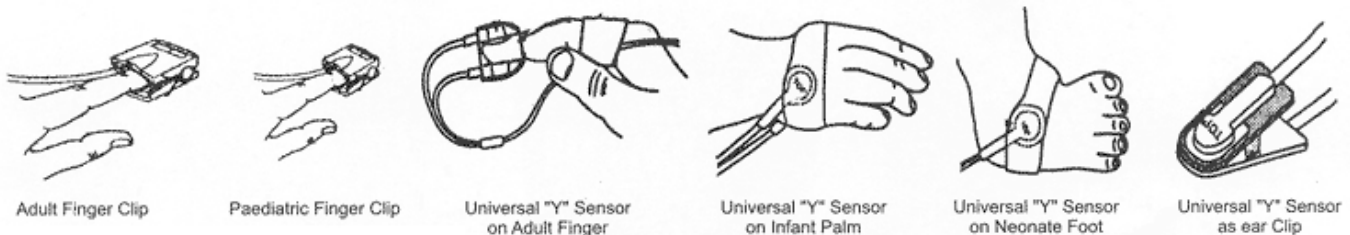
## A Compact HANDHELD PULSE OXIMETER

The **EMCO oxi-sat 610** is a Handheld Pulse Oximeter with Alarms, Memory and Rechargeable Batteries. Indegenously designed and manufactured with technical assistance from world leaders in Oximetry, Nonin Medical Inc., USA using the Nonin PureSAT® Signal Processing Technology

### Features

- ◆ User selectable High/Low Alarm limits
- ◆ Two minute & Permanent alarm silence
- ◆ Built-in Rechargeable Battery with a battery back-up of 12 hours. Charging time is 10 hours
- ◆ Low Battery Audio & Visual Alarm
- ◆ Pulse Beep on & off
- ◆ Oximeter Trends available for 11 patients - upto 24 hours for each patient
- ◆ Trends available on Optional Serial Printer or Parallel Printer
- ◆ Ideally suited for OT, ICU, ICCU, NICU, PICU, OPD, Emergency rooms, or during emergency transport

### Sensors



### Specifications

#### Displays, Indicators & Keys

LED Display 0.4"  
8 Seg. Bargraph  
10th Seg. of Bargraph  
3 colour LED 3mm  
LED 3mm  
Keys

SpO<sub>2</sub> Pulse Rate  
Pulse Strength  
Low Battery Indication  
Perfusion  
Charging  
On/Off, Select/Trend, Alarm/Down, Beep/Up

**Alarm Range**

	High	Low	
SpO <sub>2</sub>	1 to 99% & OFF	0 to 99%	(in 1% steps)
Pulse	5 to 300 bpm	0 to 295 bpm	(in 5 bpm steps)

**Trends (On Printer)** Past Trends of 11 Patients - Previous 24 hours for each patient

#### Power Requirements

Battery Rechargeable Built-in NiMH Battery 1600mAh  
Charging Time 10 hours  
Battery life 12 hours (full charge)

#### SpO<sub>2</sub>

Range 0 to 99%  
Accuracy ±2 digits at 70-99%

Range 0 to 99%  
Accuracy ±2 digits at 70-99%

Averaging 4, 8, 16 beat - automatic  
Sensors Adult Finger, Paediatric Finger & Universal "Y" Sensors (All 3 meter cables)

#### Pulse

Range 18 to 300 bpm  
Accuracy ±3% ±1 digit  
Averaging 8, 16, 32 beat - automatic

#### Dimensions

Width 3.15" (80mm)

#### Pulse Beep

Pulse Beep Tone changes with SpO<sub>2</sub> value.  
Beep Volume Beep On & Beep Off

#### Environmental Sp

Operating Temp  
Storage Temp  
Relative Humidity

#### Alarms

Sensor Disconnected, Limit Violations, Low Battery

#### Alarm Silence

2 minutes & Permanent silence

Charging Time 10 hours  
Battery Life 12 hours (full charged)  
Charger Input: 230 ± 15% Vac, 50 Hz  
Output: 7.5-9.0 Vdc, 1.0A

Height 6.10" (155mm)  
Depth 1.26" (32mm)  
Weight 250 gms. (0.55 lbs)

#### Specifications

Temperature 0 to 45 deg. C  
Operating Temperature -20 to 70 deg. C  
Humidity 10 to 90% Non-condensing (operating)  
10 to 95% Non-condensing (storage)

### Emco Meditek Pvt. Ltd.

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