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Table Top Pulse Oximeter oxi-sat 1060



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At the Heart of Healthcare

Emco oxi-sat 1060

A Sleek, Compact and Accurate Table Top PULSE OXIMETER

The **EMCO oxi-sat 1060** is a Table Top Pulse Oximeter. 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
- ◆ User selectable Alarm & Beep Volumes
- ◆ Two minute & Permanent alarm silence
- ◆ Built-in Rechargeable Battery with a battery back-up of 12 hours. Charging time is 7 hours
- ◆ Low Battery Audio & Visual Alarm
- ◆ Oximeter Trends available for 144 hours (6 days)
- ◆ Trends available on any Optional Parallel Printer
- ◆ Ideally suited for OT, ICU, ICCU, NICU, PICU, OPD, Emergency rooms, or during emergency transport

Sensors



Adult Finger Clip



Paediatric Finger Clip



Universal "Y" Sensor on Adult Finger



Universal "Y" Sensor on Infant Palm



Universal "Y" Sensor on Neonate Foot



Universal "Y" Sensor as ear Clip

Specifications

Displays, Indicators & Keys

LED Display 0.56"
10 seg Bargraph
3 colour LED 5mm
LED 3mm
Keys

SpO₂, Pulse Rate
Pulse Strength
Perfusion
Battery, Alarm Silence, Sensor Disconnected & Charging
On/Off, Menu/Enter, Alarm Select, Alarm/Down,
Beep/Up, Alarm Silence

SpO₂

Range 0 to 100%
Accuracy ± 2 digits at 70-100%
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

Pulse Beep

Pulse Beep Tone changes with SpO₂ value
Beep Volume User selectable in steps of 1 to 10 & Beep Silence

Alarms

Sensor Disconnected, Limit Violations, Low Battery

Alarm Silence

2 minutes & Permanent silence

Alarm Ranges

	High	Low
SpO ₂	1 to 100% & OFF	0 to 100% (in 1% steps)
Pulse	5 to 300 bpm	0 to 295 bpm (in 5 bpm steps)

Memory Trends

Past Trends of 144 hours (6 days) (Available on Display & Printer)

Printing (Optional Parallel Printer)

Real Time (SpO₂ & Pulse, Min.SpO₂) at 1 min. intervals
Past Trends of 144 hours (6 days)
Selective - From time periods at intervals of 1 to 99 min.

Power Requirements

Battery	Rechargeable Built-in Sealed Lead Acid Battery
Charging Time	7 hours
Battery Life	12 hours
AC Mains	230 ± 15% Vac, 50 Hz

Dimensions

Width	Height	Depth	Weight
9.20" (234mm)	3.15" (80mm)	6.50" (165mm)	1.50 kgs (3.30 lbs)

Environmental Specifications

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

Optionals

Nurse Call function, RS232 Serial Port

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