



- SpO<sub>2</sub>. OXYGEN SATURATION AND PULSE RATE
- MOTION PROOF PULSE OXIMETRY
- ADJUSTABLE ALARMS
- PULSE TONE MODULATED ACCORDING SATURATION VALUE
- STATISTICS AND NUMERICAL TRENDS
- AA ALKALINE BATTERIES OPERATED OR DIRECTLY FROM AC WITH OPTIONAL ADAPTER

## FEATURES:

**MICROX** is the latest generation digital pulse oximeter that brings the state of the art in signal detection and filtering. Suitable for adult, paediatric and neonatal monitoring applications.

Its special design and lightness makes it ideal to be used in areas such as Emergency Rooms, General Wards, Recovery Rooms, Dilation Rooms, etc.

**MICROX** brings advanced features such as pulse tone modulation according to saturation value that allows a comfortable and safer patient follow-up for clinicians.

Further exciting feature is the holter function by means of trends statistical analysis providing diagnostics based on patient values obtained from duration and number of desaturations.

Optical and audible alarms adjustable in upper and lower limits. Alarm tone according EN475 standard applicable to Critical Care monitors.

**MICROX** works either with alkaline batteries, rechargeable batteries or AC/DC adapter. The great operation autonomy with alkaline batteries along with the holter function makes **MICROX** a great tool for screening applications in COPD studies and sleep apnoea.

### GENERAL

**Dimensions:**

145 (L) x 66 (W) x 28 (H) mm

**Weight:** 210 gr

**Power Supply:**

AC input voltage: 100-250 V;50-60 Hz  
 AC input power: < 10 VA  
 Optional external AC/DC adapter

**Battery:**

2 AA alkaline batteries.  
 24 hours autonomy.

**Environmental conditions:**

Operating temperature:  
 0 °C to 40 °C; 32 °F to 104 °F  
 Relative humidity:  
 5% to 90% non-condensing

**Display:**

Alphanumeric  
 LED 7 segment 10 mm

**Safety Standard:**

Complies with IEC 601 standards.  
 Patient leakage current < 100 µA

**Alarms:**

Optical / acoustic user selectable  
 on upper and lower limits.

EN475 standard compliant

Adjustable alarm volume

**Trends:**

Up to 200 hours.

Tabular and statistic modes.

### Pulse Oximetry SpO<sub>2</sub>

**Saturation measurement:**

Range: 0 to 100 %  
 Resolution: 1 %  
 Accuracy: 70 to 100%: ±2 %  
 Averaging: 4, 8, 12 or 16 sec.

Motion proof algorithm providing high  
 artifact rejection against movement  
 or poor signal.

**Pulse rate:**

Range: 30 to 250 bpm  
 Resolution: 1 bpm  
 Accuracy: ±3 %

Pulse tone modulated according  
 saturation value to ease patient  
 follow-up.

**Display:**

LED bar for perfusion level indication and  
 plethysmographic waveform  
 modulation.



### Ordering Information

- **1700** MICROX: SpO<sub>2</sub>, Pulse Rate
- **1710** MICROX BT: SpO<sub>2</sub>, Pulse Rate, Bluetooth compatible communication
- **7110**: Optional External AC/DC Adapter



### ACCESSORIES

- 4000 Neonates reusable SpO<sub>2</sub> probe (<3Kg)
- 4010 Paediatrics reusable SpO<sub>2</sub> probe
- 4040 Finger clip SpO<sub>2</sub> reusable probe
- 4041 Ear reusable SpO<sub>2</sub> probe
- 4042 Y reusable SpO<sub>2</sub> probe, reusable
- 4500 Neonates disposable Sensor (<3Kg)
- 4510 Paediatrics disposable Sensor (3 - 15Kg)
- 4520 Infants disposable Sensor ( 15 - 45Kg)
- 4530 Adults disposable Sensor