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.
**MICROX** HAND-HELD PULSE OXIMETER

**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.

**Saturation Oximetry SpO₂**

**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 photoplethysmographic waveform modulation.

**Ordering Information**

- 1700 MICROX: SpO₂, Pulse Rate
- 1710 MICROX BT: SpO₂, Pulse Rate, Bluetooth compatible communication
- 7110: Optional External AC/DC Adapter

**OPTIONAL ACCESSORIES**

- 4140 Adult Finger Clip SpO₂ Reusable Probe with 2 meters Extension Cable
- 4000 Neonates reusable SpO₂ probe (<3Kg)
- 4010 Paediatrics reusable SpO₂ probe
- 4040 Finger clip SpO₂ reusable probe
- 4041 Ear reusable SpO₂ probe
- 4042 Y reusable SpO₂ probe, reusable
- 4500 Neonates disposable Sensor (<3Kg)
- 4510 Paediatrics disposable Sensor (3 - 15Kg)
- 4520 Infants disposable Sensor (15 - 45Kg)
- 4530 Adults disposable Sensor

Specifications subject to change without notice.

MICROX - Issue 2

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