

VISION TOF-Cuff™



- **ECG** Electrocardiogram (3 or 7 leads)
- **Heart Rate**
- **Respiration**
- **ARRHYTHMIA detection:**
Tachycardia, Bradycardia, Asystolia, Bigeminy, Trigeminy, Couple of PVC, Ventricular Tachycardia, Ventricular Rhythm, Run of PVC.
- **NIBP NON INVASIVE BLOOD PRESSURE**
- **SPO₂ PULSE OXIMETRY**
- **TEMPERATURE (2)**
- **COMMUNICATION MODULE**

AC Power supply: 100-240 V~ Frequency: 47 - 63 Hz AC Input power: 1.0A(100V~) / 0.6A(240V~) Battery: 4 hours autonomy, built-in charger Environmental conditions: Storage temperature: -20°C to 40°C Operating temperature: 0°C to 40°C Altitude: -300 m to 2.000 m	Size: 310 (W) x 285 (H) x 210 (D) mm Weight: 8,2 kg (maximal) Display: TFT, colour. Viewing area: 210 x 158 mm Diagonal: 264 mm / 10.4" Resolution: 640 x 480 pixel Sweep speed: 12,5 / 25 / 50 mm/s Patient safety: Complies with IEC 601 standards Class I, BF and CF	Alarms: Optical and acoustic for all parameters. Three priority levels; clinical, technical and procedural. Trends: 72 hours for parameters, graphical and tabular display. Communication module for data output.
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ECG Leads: I, II, III, aVL, aVF, aVR, Vx Waveforms on screen: 1, 2 or 7 Heart rate: 20 - 300 bpm Resolution: 1 bpm Accuracy: ±2% or ±2bpm Freeze and memory: 12 seconds of ECG strip for on screen measurement CMRR: > 115 dB in monitor mode > 90 dB in diagnostic mode	Signal features: Diagnostíc mode: 0,05 to 100 Hz Monitor mode: 0,5 to 40 Hz O. R. mode: 0,5 to 20 Hz Programmable gain: 1 to 8 mV Pacemaker detection and rejection: Pulse duration: 0,1 to 2 ms Pulse amplitude: ±2 a ±700 mV Patient safety: CF type
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Respiration Measurement: Impedance method Range: 0 to 150 rpm Resolution: 1 rpm Accuracy: ±2 rpm Patient safety: CF type	Signal features: Maximum impedance: 2 k Sensitivity range: 0,2 to 15 Excitation current: < 150 µA; 76,9 kHz Sweep speed: 6,25 mm/s
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NIBP Non Invasive Blood Pressure Procedure: Oscillometric method Time: typical 25 to 45 seconds maximum 120s (adult/child) 90s (neonate) Modes: Manual Automatic 1 to 120 min (1 min. interval) Seguridad de paciente tipo BF	Range Adult: 10 to 250 mmHg Child: 10 to 190 mmHg Neonate: 10 to 130 mmHg Pulse: 40 to 250 ppm resolution: 1 ppm	Overpressure limit 315 mmHg 240 mmHg 165 mmHg accuracy ±3%
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SpO2 Pulse oximetry	Saturation measurement Range: 0 to 100% Resolution: 1% Accuracy: 70 to 100% ±2%	Pulse rate 30 to 250 ppm 1 ppm ±3%	Patient safety: BF type Plethysmographic waveform. Improved movement artifact rejection algorithm.
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Temperature	Range: 15 to 45 °C - 59 to 113 °F Resolution: 0,1 °C - 0,2 °F Accuracy: ±0,1 °C ±0,2 °F	Channels: 2 // Patient safety: CF type Automatic rejection against ESIS through a real time signal analysis.
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Ordering Information

1800-0 VISION TOF-Cuff: ECG / HR / NIBP / SpO₂ / PR / TEMP

8011 ECG main cable (3 lead)
 8111 ECG patient terminal (3 lead)
 8051 ECG main cable (5 lead)
 8151 ECG patient terminal (5 lead)
 8500 ECG adhesive electrodes

6110 NIBP extension tube
 6045 NIBP obese cuff
 6035 NIBP adult cuff
 6025 NIBP pediatric cuff
 6015 NIBP neonatal cuff

4701 SpO₂ extension cable
 4040 SpO₂ finger sensor, adult
 4020 SpO₂ finger sensor, pediatric
 4000 SpO₂ neonatal sensor

2000 Temperature probe, surface
 2010 Core temperature probe