



ESN 7

Multipara Monitor

Key Features

- ✓ Waveforms on High-resolution Color TFT display.
- ✓ Graphical & tabular trends.
- ✓ In-built rechargeable battery.
- ✓ Interface facility with central monitoring system.
- ✓ Portable & easy to carry.
- ✓ Available in 7" Screen size.

Technical Specifications

General

Dimensions	: 230mm X 200mm X 185mm (LXBXH)
Weight	: Approx.2.7kg. with in built battery
Display	: 7" Color monitor
Resolution	: 800 x 480 pixels
Language	: English
User Interface	: Encoder & keyboard
Alarm	: User adjustable high & low limit, Audiable and visual alarming
Trend	: 24 hrs Graphical and tabular trend of all parameter
Network	: Connectivity to central monitoring system (Panorama)

Power Supply

Input	: 150 - 260 VAC, 50 Hz, 1 Ø.
Output	: 18V DC @ 1.2 A.
Battery	: 12 V /1.2 Ah (in built) sealed lead acid
Back-up time	: 2-3 hrs on full charge
Power consumption	: < 30 Watts
Charging Time	: 10 to 12 hours (typically)

Environmental

Operating Temp	: -5 °C to +45 °C
Humidity	: up to 95 % non-condensing.

ECG

Parameter	: HR
Frequency response	: 0.5 Hz to 35 Hz
Lead selection	: Lead I, II, III, aVR, aVL, aVF and V
Measurement HR range	: 10 to 250 bpm
Gain	: 0.5, 1.0, and 2.0
CMRR	: > 90 db
Sweep speed	: 12.5, 25.0, 50.0 mm/S
Accuracy of HR	: +/- 1 bpm
Protection	: In built cautery & defibrillation proof
Beep on every QRS detected	

SpO2

Parameter	: SpO2%, PR, Bargraph, Perfusion index
SpO2 % Range	: 0 to 100%
Accuracy	: ± 2% (70~100% SpO2) ± 3% (35~69%SpO2)
Resolution	: 1 %
Indication	: Finger absent, Searching pulse
Measurement PR Range	: 10 – 250 bpm
Accuracy of PR	: +/- 2 bpm
Resolution of PR	: 1 bpm
Probe	: Adult, Pediatric, Neonate
Pitch variation change with oxygen saturation	

NIBP

Method	: Oscillometric
Range	: 10 to 250
Accuracy	: +/-3mmHg
Time interval	: User selectable 3 min. to 250 min.
Cuff	: Single tube with Velcro.
Cuff deflation	: Automatic.
NIBP mode	: Adult, Pediatric, Neonatal

*DUE TO OUR CONTINUOUS PRODUCT DEVELOPMENT PROGRAM, THE SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.

NASAN MEDICAL ELECTRONICS PVT. LTD.

Plot No. 147, "Rangali" Society, Opp. Karve Statue, Kothrud, Pune - 411 038.

Phone : +91 82370 32389

E-mail : sales@nasanmedical.com Website : www.nasanmedical.com