



ESN7 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 (LXBXH) | : 230mm X 200mm X 185mm |
| 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, Audible 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 |



[Click Here For Technical Specification](#)



*Due to our continuous product development program, the specifications may change without prior notice.

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