

Pages 1 / 2	Specifications Product: <i>Para 1005</i>	
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Para 1005 features

- Para 1005 is 5 parameter monitor with 12.1" colour TFT. User friendly menu driven settings through encoder. It is used in ICU as a bedside monitor.
- Parameters are as follows,
 - ECG
 - SPO2
 - NIBP
 - Respiration
 - Temperature

1. General

Dimensions : 276mm X 336mm X 161mm (H x W x D)
Weight : 5 Kg. with in built battery.
Display : 12.1" Color TFT LCD
Resolution : 800 x 600 pixels
User Interface : Encoder
Alarm : User adjustable high & low limit, Audiable and visual alarming

2. Power supply

Input voltage range : 150v-270v AC, 50 / 60 Hz (+/- 5 %)
Battery type : 12v/4.5AH (in-built)
Charging time : 80% charging in 12 hrs (typically)
Backup : 3hrs on full charge
Power ratings : 40w.

3. Environmental

Operating Temp : -5 °C to +40 °C
Humidity : up to 95 % non-condensing.

4. ECG

Frequency response : 0.5 Hz to 35 Hz
Lead selection : Lead I, II, III, aVR, aVL, aVF and V
Heart rate range : 20 to 220 bpm.
Gain setting : 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
Data output : RS232 output of ECG, SpO2, NIBP and Respiration & Temperature

Pages 2 / 2	Specifications Product: <i>Para 1005</i>	
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5. SpO2

Range : 0 to 100 %.

Accuracy : +/-2 %, (70 – 100% of SpO2) , +/-3 % (50 – 69% of SpO2)

6. NIBP

Method : Oscillometric

Range : 20 to 230

Time interval : User selectable 3 min. to 250 min.

Modes : Manual and Automatic

Cuff : Single tube with Velcro.

Cuff deflation : Automatic.

Patient Type : Adult, Pediatric, Neonate

7. RESPIRATION

Range : 1 to 60 bpm

Accuracy : +/-2 bpm

8. TEMPERATURE

Measurement Range: 5 to 50 °C and 41 to 122 °F

Temperature unit : Celsius or Fahrenheit

❖ Settings

- Limit setting for individual parameter
- Facility to set default settings.

❖ Keys:

Following hotkeys are provided for fast and easy operation

- Alarm ON / OFF
- QRS Beep ON / OFF
- Take BP
- Home
- Power

❖ Knobs:

- Encoder interface for browsing
- QRS beep volume knob

* Due to our continuous product improvement programme, features can be enhanced