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Para 1005 is 5 parameter with 12.1" colour monitor. 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	: Approx: 276mm X 336mm X 161mm (H x W x D)
Weight	: Approx.5 Kg with in built battery.
Display	: 12.1" Color monitor
Resolution	: 800 x 600 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)

2. Power supply

Input voltage range	: 150-270VAC, 50 / 60 Hz 1 Ø.
Battery type	: 12V/4.5Ah (in-built) sealed lead acid
Charging time	: 10 to 12 hours (typically)
Backup	: 3hrs on full charge
Power ratings	: 40W

3. Environmental

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

4. 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.

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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
Beep on every QRS detected

5. RESPIRATION

Parameter : Respiration rate
Measurement Method: Impedance between RA-LL
Measurement Range : 1 to 120 bpm
Accuracy : +/-2 bpm

6. 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

7. NIBP

Parameter : Systolic, Diastolic and Mean
Measurement Method: Oscillometric
Measurement Range : 10 to 250
Accuracy : +/-3mmHg
Time interval : User selectable 2 min to 250 min
Measurement Mode : Manual, Automatic and STAT
Measurement Range of cuff pressure: 0 – 250 mmHg
Cuff : Single tube with Velcro
Cuff deflation : Automatic
Patient Type : Adult, Pediatric, Neonate

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8. TEMPERATURE

Parameter : Temperature

Measurement Range : 5 to 50 °C OR 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

❖ Accessories

Sr.No.	Material Name	Qty.
	list of Accessories for Para 5/Para 1005	
1	ECG Cable 5 lead	1
2	SpO2 finger probe (Adult)	1
3	Adult NIBP Cuff	1
4	Adult NIBP Cuff Extension Tube	1
5	Temperature probe (Surface)	1
6	Mains Cord (IEC type)	1
7	User Manual	1
8	Fuse 5A, 20 mm slow blow fuse	2
	optional	
1	SpO2 finger probe (Neonatal)	1
2	SpO2 finger probe (Paediatric)	1
3	NIBP cuff (Paediatric)	1
4	NIBP cuff (NeoNatal)	1
	list of Accessories for Para 1005e	
1	list of Accessories for Para 1005	1
2	EtCO2 Module	1

* Due to our continuous product improvement programme, the specification may change without prior notice.