

## 1. General

Dimensions	: Approx. 276mm X 336mm X 161mm (H x W x D)
Weight	: Approx 5 Kg. with builtin battery.
Display	: 12.1" Color monitor
Resolution	: 800 x 600 pixels
User Interface	: Encoder & keyboard
Language	: English
Indicator	: Alarm Indicator, Power Indicator, QRS beep and Alarm sound
Battery	: Rechargeable
Trend Time	: 24hours of graphical trend, 6 hrs on each page
Alarm	: User adjustable high and low limit, Audible and visual alarm
Network	: Connectivity to central monitoring system (Panorama)

## 2. Power supply

Input voltage range	: 150v-270v AC, 50 / 60 Hz (+/- 5 %)
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 +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
Measurement Heart rate range:	10 to 250 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
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 %  
 Measurement PR Range : 10 – 250 BPM  
 Accuracy of PR : +/- 2 BPM  
 Resolution of PR : 1 BPM  
 Indication : Finger absent, Searching pulse  
 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  
 Time interval : User selectable 2 min. to 250 min.  
 Measurement Mode : Manual, Automatic and STAT  
 Measurement Range of cuff pressure: 0 – 250mmHg  
 Cuff : Single tube with Velcro.  
 Cuff deflation : Automatic.  
 Patient Type : Adult, Pediatric, Neonate

## 8. TEMPERATURE

Parameter : T1, T2 and Delta T  
 Measurement Range: 5 to 50 °C OR 41 to 122 °F  
 Temperature unit : Celsius OR Fahrenheit  
 Channel : 2 channels

## 9. IBP1/IBP2

Parameter : SYS, DIA, MEAN  
 Range : - 50 to +300 mmHg  
 Accuracy : ± 2%  
 Channel : 2 channels  
 Pressure sensor : Sensitivity 5µV/ V/mmHg,

Zeroing facility : Yes

## 10. EtCO2

Parameters : EtCO2, FiCO2, RR  
 Measurement unit : mm Hg  
 Breath rate : 0~150 bpm  
 Measurement Range : 0 to 150 mmHg  
 Accuracy : 0 – 40 mm Hg  $\pm$ 2 mm Hg  
                   41 – 70 mm Hg  $\pm$ 5% of reading  
                   71 – 100 mm Hg  $\pm$ 8% of reading  
                   101 – 150 mm Hg  $\pm$ 10% of reading  
 Resolution : 0.1 mm Hg 0 to 69 mm Hg  
                   0.25 mm Hg 70 to 150 mm Hg  
 FiCO2 Measurement Range : 0-100 mmHg  
 Airway Adapter : Adult, Pediatric, Neonate  
 Measurement Mode : Mainstream & Side stream

### ❖ 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

### ❖ Accessories

Sr.No.	Material Name	Qty.
	<b>list of Accessories for Paramount 1009</b>	
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	EtCO2 Module	1
7	IBP Interfacing cable	2

8	IBP Disposable Pressure transducer	2
9	Mains Cord (IEC type )	1
10	User Manual	1
11	Fuse 5A, 20 mm slow blow fuse	2
	<b>optional</b>	
1	SpO2 finger probe (Neonatal)	1
2	SpO2 finger probe (Paediatric)	1
3	NIBP cuff (Paediatric)	1
4	NIBP cuff (NeoNatal)	1

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