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SNTT1 is 7" colour monitor. User friendly menu driven settings through encoder, It is used in ICU as a bedside monitor.

- Parameters are as follows,
  - SpO2
  - NIBP

### 1. 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, 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	: 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)

### 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.
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	

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## 5. SpO2

Parameter : SpO2%, PR, Bargraph, Perfusion index  
 SpO2 % Range : 0 to 100%  
 Accuracy :  $\pm 2\%$  (70~100% SpO2)  
                    $\pm 3\%$  (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

## 6. 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 and Automatic  
 Cuff : Single tube with Velcro.  
 Cuff deflation : Automatic.  
 Patient Type : Adult, Pediatric, Neonate

### ❖ 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 ON/OFF

### ❖ knobs:

- Encoder interface for browsing
- Beep volume knob

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❖ **List of accessories for SNTT1**

<b>Sr.No.</b>	<b>Material Name</b>	<b>Qty.</b>
1	SpO2 finger probe	1
2	Adult NIBP Cuff (with 2 meter tube of cuff)	1
	Adult NIBP cuff with extension	1
3	Adapter 18V/1.2A	1
4	User Manual	1
5	Fuse Slow blow 3A, 20mm slow blow fuse	2

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