

# Technical Specifications

Invasive BP, Pulse Oximetry, Dual Invasive BP and Capnography.

SpO<sub>2</sub> range: 0 - 100%.  
Display of pulse strength, plethysmograph and SpO<sub>2</sub> values.  
Accuracy : 100 to 70% (+/-2 digits),  
69 to 50% (+/-3 digits),  
49 to 0% (unspecified)  
Accuracy in neonatal monitoring 100 to 70% (+/- 3 digits)

## Non-Invasive Blood Pressure

Oscillometric Principle  
Display of Systolic, Diastolic & Mean pressure  
Modes : Manual, STAT (5 min.), Automatic (interval 2 min. to 90 min.)  
Range : 20 to 255 mm Hg. Accuracy : +/- 5 mm Hg

## Invasive Blood Pressure

Simultaneous monitoring of 2 channels. Display of Systolic, Diastolic and Mean pressure with respective waveforms of P1 and P2.  
Individual and common channel zeroing. Labeling facility with automatic limits setting. Channel overlapping option available.  
IBP range : 300, 150, 60, 30, 20 & 10 mmHg.  
Measuring range : - 40 to 300 mmHg.

## Alarms

Alarm settings for all parameters  
Patient alarm : RED flashing with audio and message indicator  
Equipment alarm : YELLOW flashing with audio & message indicator  
Alarm suspend : Continuous YELLOW  
Auto setting of alarms for HR / PR, SpO<sub>2</sub>, P1, P2, EtCO<sub>2</sub>, FiCO<sub>2</sub>, Respiration and Temperature.  
Re-alarm facility : 3 min. for acknowledged alarm

## Trends

24 hr. of Graphical and Tabular trend for HR / PR, SpO<sub>2</sub>, P1, P2, EtCO<sub>2</sub>, FiCO<sub>2</sub>, Respiration & Temperature.  
NIBP trend : 240 readings tabular  
Alarm recall : Last 16 alarm events with date, time and message.  
Trends : 30-sec. storing. 2 hr. zoom for graphical trends with mark and print facility.

## Printing

Printing of ECG strip along with complete numerical data and patient information on optional ink-jet printer.

## General

Dimension : 202 x 310 x 230 mm (H x W x D)  
Weight : 7.5 Kg. with in-built batteries.  
Interface possible with *Skyline* - L&T colour central station.

## Power Supply

Universal power supply : 95-265V AC, 50 / 60 Hz  
Power ratings : 60W, In-built rechargeable batteries for 2 hr. of continuous operation under full charge condition. (typical)  
Battery type : 6V, 4Ah sealed lead acid - 2 nos.  
Charging time: 12 hr. (typical)



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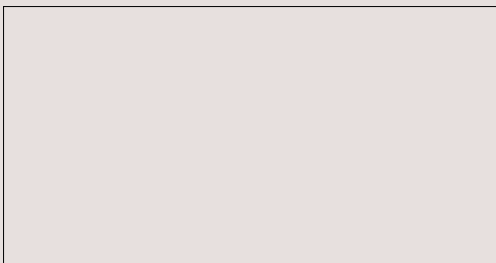
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ifications and availability of any of the products mentioned in this leaflet this leaflet are optional and are not part of the standard scope of supply.

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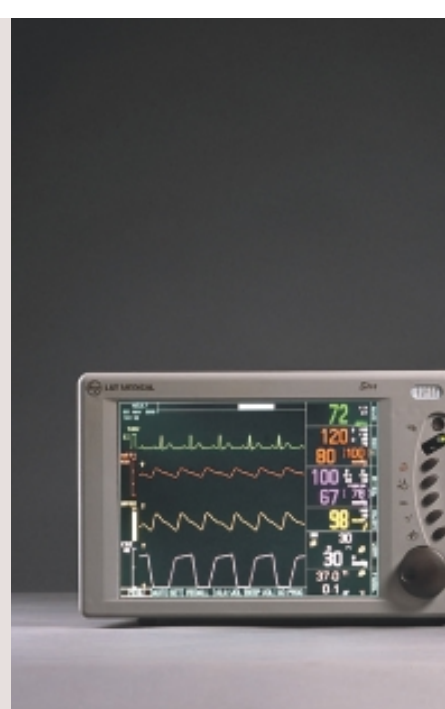
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- Selectable arrhythmia detection
- In-built rechargeable battery
- Facility to interface external slave monitor
- Suitable for all age groups (adult/paed/neonatal)
- Interface facility with 'Skyline' - central station
- Facility to interface with an ink-jet printer



Model	ECG	Resp
ERT	●	●
ERTN	●	●
ERTS	●	●
ERTNS	●	●
ERT2P	●	●
ERTNS2P	●	●

Capnography upgradation option is available



Capnography module for Star

## ACCESSORIES



Star with accessories