

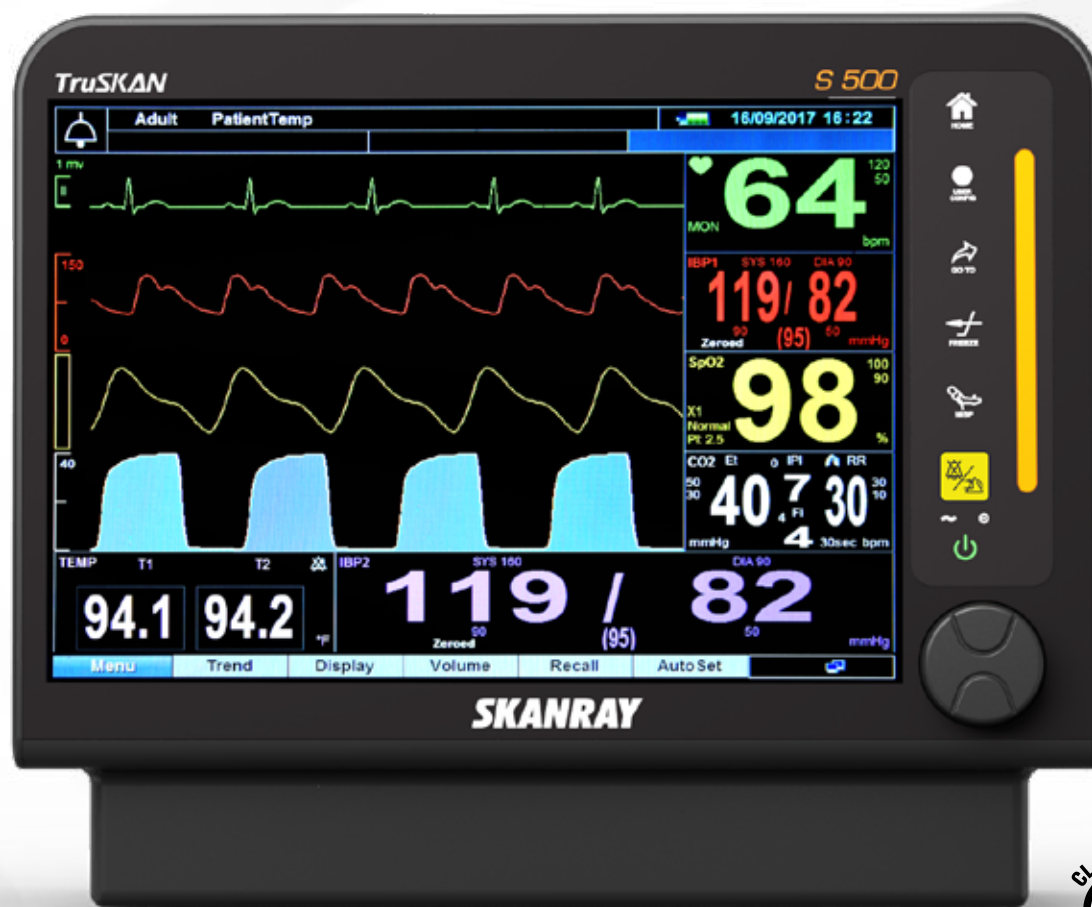
TruSKAN S500

Multi-parameter monitor



SKANRAY

NOTHING IS OPAQUE



RADIOLOGY



MONITORING



CARDIOLOGY



ANAESTHESIA



VENTILATION



DENTAL



SURGERY



TELE SOLUTIONS



VETERINARY

AMSTERDAM | BANGALORE | BOLOGNA | MEXICO CITY | MYSORE | ORLANDO | SAO PAULO | SUZHOU



Salient Features

- ▶ 6 channel monitor with 10.4" high resolution color LED display
- ▶ Suitable for Adult, Pediatric & Neonatal applications
- ▶ 168hrs of Graphical & Tabular trends
- ▶ Arrhythmia & ST analysis
- ▶ Upgradable to IBP, Microstream capnography, Thermal printer
- ▶ Early assessment of patients ventilatory status through IPI™
- ▶ SatSeconds™ Alarm Management to reduce false alarms
- ▶ Anti-theft lock
- ▶ 500 NiBP Trend readings
- ▶ ECG & Arrhythmia recall
- ▶ 50 Patient Alarm recall

Features



Integrated Wi-Fi



Easy IBP Zeroing through IBP cable



HDMI Output



Night mode



Data Transfer



Anti-theft lock

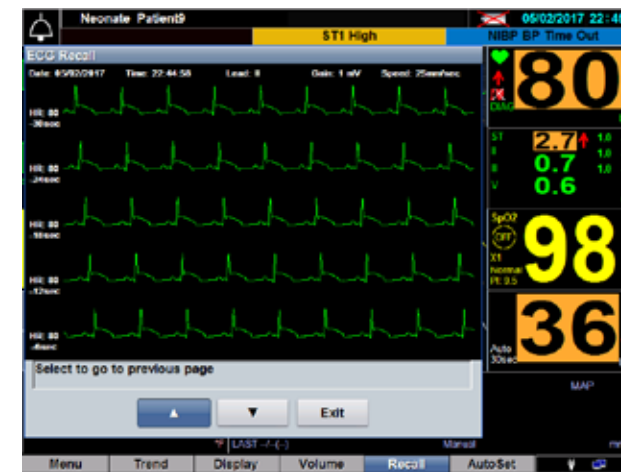
Trends & Storage



Tabular Trend



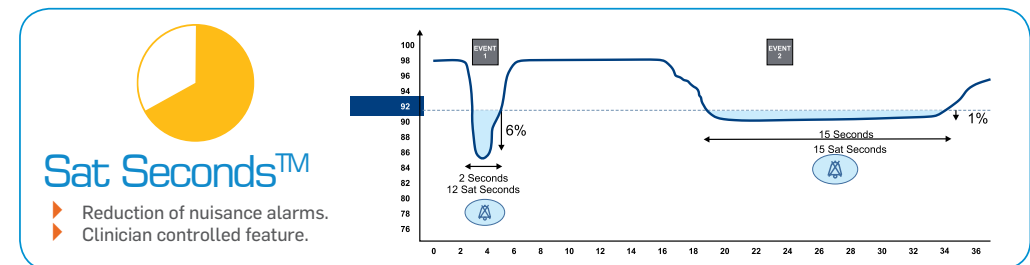
Graphical Trend



ECG Recall



NIBP Trend



Integrated Pulmonary Index (IPI™) for quick assessment of patient respiratory status

etCO ₂	Resp Rate	SpO ₂	Pulse Rate	IPI Algorithm	IPI	Patient Status
					10	Normal
					8-9	Within normal range
					7	Close to normal range; requires attention
					5-6	Requires attention and may require intervention
					3-4	Requires intervention
					1-2	Requires immediate intervention

Technical Specification

DISPLAY

Size	: 10.4" TFT / LED display (800X600)
Trace Speed	: 6.25/12.5/25/50 mm/sec
Waveform	: Maximum 6 waveform display. 4 Standard & 3 User defined formats
Patient Modes	: Adult, Pediatric & Neonate

ECG 3/5L

Input	: Isolated and floating 3/5 leads. Protected against Defibrillation and Electrosurgery Arrhythmia detection & ST Analysis.*
Heart rate range	: 20-350 bpm
PR Source	: Auto/IBP/SpO2/NIBP
Leads	: 3 Lead (Lead I, II & III) 5 Lead (Lead I, II, III, aVr, aVl, aVf, V)

RESPIRATION

Method	: Impedance Pneumography
Range	: 0 -150 breaths/min.

TEMPERATURE (DUAL CHANNEL)

Measurement Range	: 1°C-50°C
Unit	: °C or °F (user selectable)

SpO2 (NELLCOR / OXYSKAN)

Measurement Range	: 0-100%
Accuracy Adults	: 70-100% ±2 digits 0-69% unspecified
Accuracy Neonates	: 70-100% ±2 digits 0-69% unspecified
Pulse Rate Range	: 20 to 250 BPM
Accuracy	: ±3 BPM

NIBP

Method	: Oscillometric
Display	: Systolic, Diastolic and Mean
Modes	: Manual, Auto and Stat Auto mode intervals of 2,3,4,5,10,15,30,60, 90,120, 240 & 360 min
Unit	: mmHg or kPa
Range	: 20-260 mmHg
Accuracy	: ±5 mmHg

CAPNOGRAPHY (MICRO STREAM™)

Measurement Range	
EtCO2	: 0-99mmHg
FiCO2	: 0-20mmHg
RR	: 0-150 BPM
Units	: mmHg or kPa
Scale	: 20, 40, 60, 80 & 100mmHg
IPI™	: 1-10

IBP (IBP1 & IBP2)

Input	: Isolated and floating. Defibrillation Protected.
Display	: Systolic, Diastolic and Mean
Manual ZERO	: Front panel control as a part of user config key.
Measurement range	: -30 to 300mmHg
IBP accuracy	: 2 mmHg or 2% whichever is greater
PR range	: 30-250 bpm
Accuracy	: ±3 bpm

ALARM

Equipment alarms	: Audio (Alarm Beep) Visual (Flashing Blue Led) Message indication
Patient alarms	: Audio (Alarm Beep) Visual Red LED (High Priority), Message indication Visual Yellow LED (Medium Priority), Message indication

TRENDS

Data storage	: HR/PR, SpO2, IBP, Temperature, RR, EtCO2, FiCO2, ST, IPI(168 hrs)
NIBP	: Last 500 readings in Tabular format.
Alarm Recall	: Tabular trend display of last 50 patient alarms
ECG & Arrhythmia Recall	: 240s

THERMAL PRINTER

Recorder Type	: Two channel
Paper width	: 57 mm
Printing width	: 48 mm
Speed	: 25 mm/sec
Printing Modes	: Direct : 8 sec Delayed : -6 to 2 sec Continuous : 30 sec On alarm : -6 to +2 sec

GENERAL

Dimensions(H*W*D)	: 260mm*307mm*150mm
Weight	: 3.6 Kg
Mounting option	: GCX option and Rail option
USB	: Optional WiFi communication with CNS; Software upload/upgrade, Trend download, Monitor setting download/upload
CNS	: Wired Communication with SKANRAY CNS

UNIVERSAL POWER SUPPLY

Voltage	: 100-240V AC at ±10% 50Hz/60Hz at ±5% tolerance
Indicators	: Amber LED ON indicates Mains ON. Green LED ON indicates Monitor ON. Amber LED OFF and Green LED ON indicates unit is ON in battery mode
Battery Type	: 14.8 V (5.2Ah) Lithium ion
Charging time(min)	: 14 hrs
Backup time	: 3 hrs

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Skanray continuously upgrades its technology, performance and safety features. Pictures and specifications featured in this catalogue are only indicative. Please refer to the commercial offer document for specifications and performance.