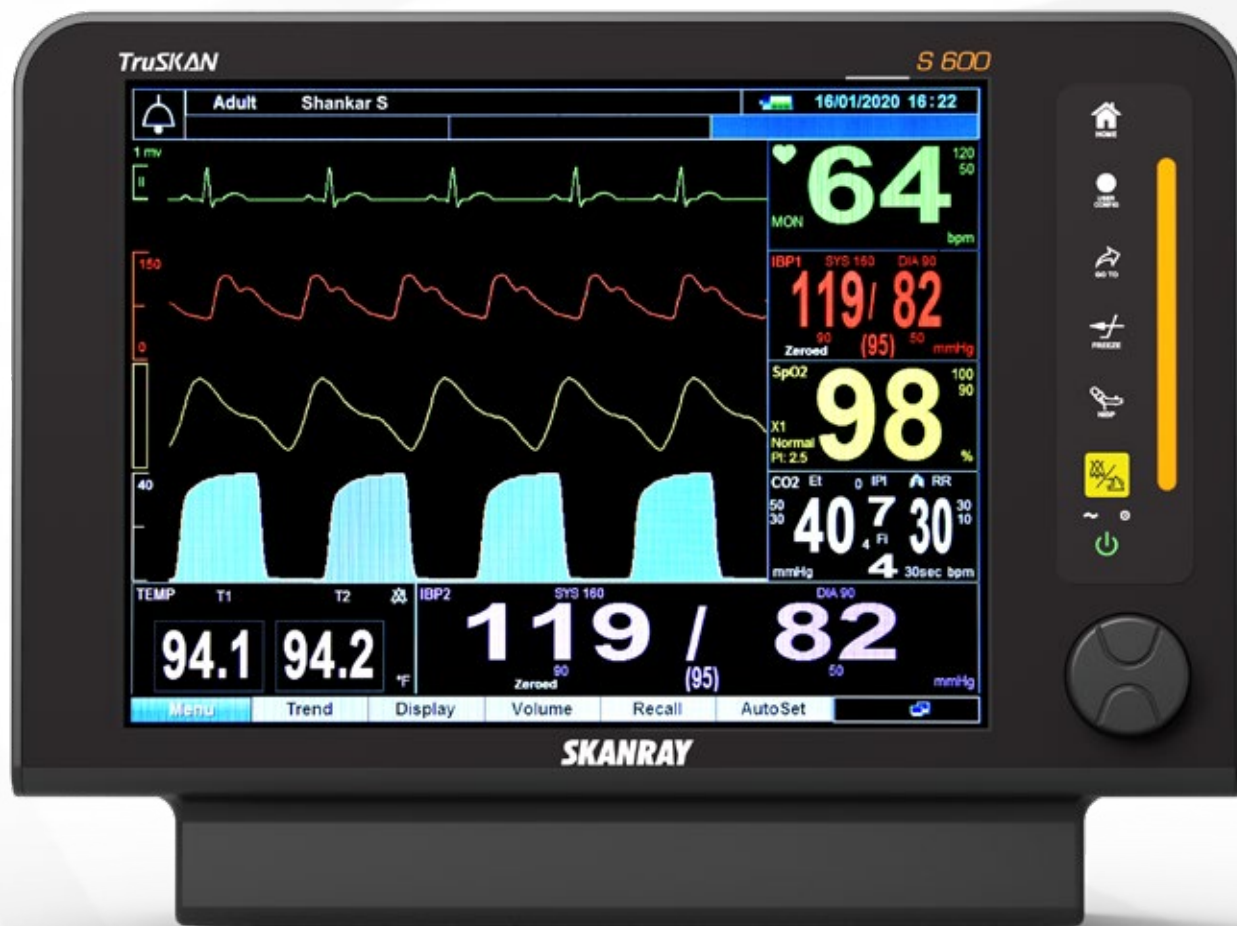


TruSKAN S600



Multiparameter Patient Monitor



RADIOLOGY



MONITORING



CARDIOLOGY



ANAESTHESIA



VENTILATION



DENTAL



SURGERY



TELE SOLUTIONS



VETERINARY



Features



Integrated Wi-Fi
(Optional)



Easy IBP Zeroing
through IBP cable



HDMI Output
(Optional)



Night mode



Data Transfer



Anti-theft lock

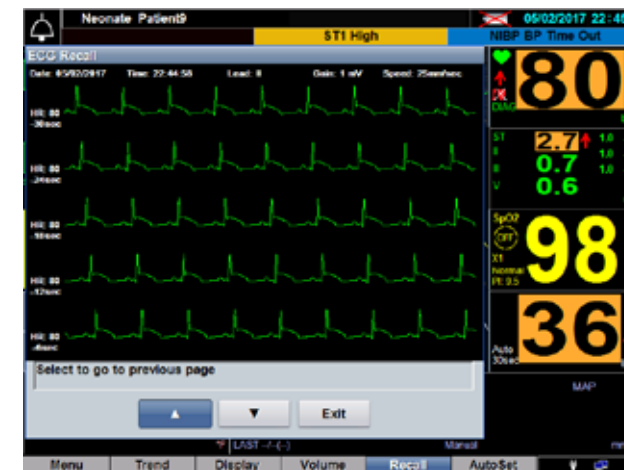
Trends & Storage



Tabular Trend



Graphical Trend



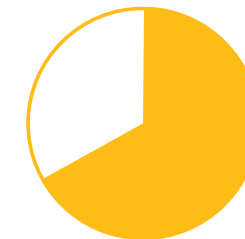
ECG Recall



NIBP Trend

Sat Seconds™

- ▶ Reduction of nuisance alarms.
- ▶ Clinician controlled feature.



Salient Features

- ▶ 6 channel monitor with 12.1" high resolution color LED display
- ▶ Suitable for Adult, Pediatric & Neonatal applications
- ▶ 168 hours 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

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

IPI Algorithm			IPI	
			IPI	Patient Status
EtCO ₂	Resp Rate	SpO ₂	10	Normal
			8-9	Within normal range
Pulse Rate			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	: 12.1" 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 3/5 leads. Protected against Defibrillation and Electrosurgery Arrhythmia detection & ST Analysis*
Heart rate range	: 20-350 bpm
PR Source	: Auto/IBP/SpO ₂ /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™ Saturation (% SpO₂ ± 1 SD)

SpO ₂ Measurement Range	: 1-100%
SpO ₂ Accuracy	: ± 2 digits (Below 70% unspecified)
Pulse Rate Range	: 20 to 250 BPM
PR Accuracy	: ± 3 BPM

OXYSKAN

Adults	: 70-100% ± 2 digits <70% - unspecified
Neonates	: Not Supported
Pulse Rate Range	: 20 to 200 BPM ± 3 BPM 200 to 250 BPM ± 5 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 Std Deviation

CAPNOGRAPHY (MICROSTREAM™)

Measurement Range	
EtCO ₂	: 0-99 mmHg
FiCO ₂	: 0-20 mmHg
RR	: 0-150 BPM
Units	: mmHg or kPa
Scale	: 20, 40, 60, 80 & 100 mmHg
*IPI™	: 1-10

*Microstream™ & IPI™ is owned by 'ORIDION MEDICAL 1987 LTD'

*Nellcor™ & Satseconds™ is owned by 'NELLCOR PURITAN BENNETT LLC'

IBP (IBP1 & IBP2)

Input	: Isolated Defibrillation protected
Display	: Systolic, Diastolic and Mean
Manual ZERO	: Front panel control as a part of user config key
Measurement Range	: -30 to 300 mmHg
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, SpO ₂ , IBP, Temperature, RR, EtCO ₂ , FiCO ₂ , 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)	: 274 mm*357 mm*150 mm
Weight	: 4.2 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
Slave Display	: HDMI output (Optional)

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	: Lithium ion
Charging Time (min)	: 14 hrs for 5.2/2.5 Ah
Backup Time	: Options *For 2.5 Ah - 2 hrs back-up time for fully charged and maintained 25° C (Standard) For 5.2 Ah - 3 hrs back-up time for fully charged and maintained 25° C (Optional)

*Model with 2.5 Ah battery does not have UL Certificate

*UL mark is applicable for Nell 1 SpO₂ module



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Skanray continuously upgrades its technology, product 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.

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