

TRUSCOPE® mini

Compact Portable Patient Monitor
with wireless Capability



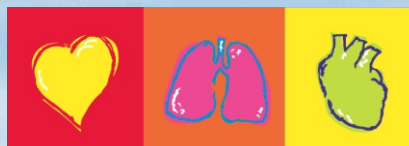
Features:

- 7" high resolution color TFT LCD display
- Multiple screen configurations
- 72 hrs graphical and tabular trends
- Mains and battery operated with backup of 2 hrs
- Wired connectivity to Central Nursing Station
- SpO₂ features available in Digital and Nellcor modules
- Fully configured unit with five parameters: ECG, RR,
- SpO₂ (Digital / Nellcor), Temp, NIBP

Optional:

- Wi-Fi connectivity to Central Nursing Station
- Recorder

CE 0123



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Technical Specification of TRUSCOPE® mini

General

Weight: 4 Kgs (with battery)
Dimension: 256 mm (W) X 209 mm (H) X 185 mm (D)
Display: 7" high resolution color LCD
Power supply: 100 - 240 V; AC: 47 ~ 63 Hz
Alarm indication: Visual and audible alarm
Battery backup: 2 hours
Safety: IEC60601 (Gb9708)

Alarm

Level: Low, medium & high
Indication: Auditory & visual
Setup: Default & custom
Silence: All alarm can be silenced

ECG

Leads: I, II, III, aVR, aVL, aVF, V
Gains: 2.5 / 5 / 10 / 20 mm/mv and auto
Input impedance: $\geq 5 \text{ M } \Omega$ (d.c. ~ 60Hz)
Common Mode Rejection Ratio:
- MON $\geq 105 \text{ dB}$
- OPS $\geq 105 \text{ dB}$
Bandwidth: 0.5-40 Hz (monitoring mode)
0.05-120 Hz (diagnostic mode)
1-25 Hz (diagnostic mode)
Protection: Segregation breakdown voltage 4000 VAC, 50/60 Hz,
Resistant to cautery protection, myoelectricity, AC, drifting
interference
Indication of detachment of electrodes
Playback of cardiogram
Scanning speed: 12.5 mm/s, 25 mm/s, 50 mm/s
Heart rate range: 10-350 bpm
Accuracy: $\pm 1 \text{ bpm}$

NIBP

Method: Automatic oscillometric
Operation modes: Single (manual), cycle (automatic), rapid
(continuous)
Measurement: Systolic pressure/diastolic pressure/mean
Range :
- Adult: 10-270 mmHg
- Pediatric: 10-235 mmHg
- Neonate: 10-135 mmHg
Unit: mmHg / Kpa selectable
Auto measurement: 1, 2, 3, 5, 10, 15, 20, 30, 45, 60, 90 minutes,
2, 4, 8, 12 hours
600 groups of NIBP measuring data review

Respiration

Method: Impedance measurement
Measuring range: 0-150 rpm
Alarm limit: 0-120 bpm, user-selectable upper and lower limit
continuously adjustable
Apnea alarm

Recorder (option)

Method: Thermal dot array
Paper width: 50 mm
Paper speed: 12.5 / 25 / 50 mm / sec
Trace: Maximum 3 tracks

DIGITAL SpO₂ (Pulse Oximetry)

Range: 0-100%
Accuracy: $\pm 2\%$ (70-100%),
 $\pm 3\%$ (35-69%),
Unspecified (0-34%)
Range & accuracy of pulse rate: 25-250 bpm $\pm 1 \text{ bpm}$

Nellcor SpO₂

Measurement range : 1~100%
Accuracy : 70~100%, $\pm 2\%$, 0~69%, unspecified
PR range 25~250 bpm
PR accuracy $\pm 1\%$ or $\pm 1 \text{ bpm}$, whichever is greater

Temperature (Not available as upgrade)

Channel: 2 channels
Range: 0-50°C
Unit: Celsius, Fahrenheit
Resolution: 0.1°C
Accuracy: $\pm 0.1^\circ\text{C}$ (25°C-50°C)
Temperature cannot be upgraded in the basic version

Environmental

Temperature:
- Operation 0°C-50°C
- Storage / Transportation: -20°C-70°C
Humidity:
- Operation: 10%~95%, non condensing
- Storage / Transportation: 0% - 93% non condensing
Atmospheric pressure:
- Operation: 860~1060 hPa
- Storage / Transportation: 500 - 1060 hPa

Certification



Standard accessories

- Power cord - 1 no.
- ECG cable (5 lead) - 1 no.
- ECG electrodes - Pack of 10
- SpO₂ probe with extension cable - 1 no. each
- NIBP cuff (adult, pediatric & neonate) - 1 each
- NIBP extension cable - 1 no.
- TEMP probe (body surface) - 1 no.
- Grounding wire - 1 no.
- User manual - 1 no.
- Packing list - 1 no.

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