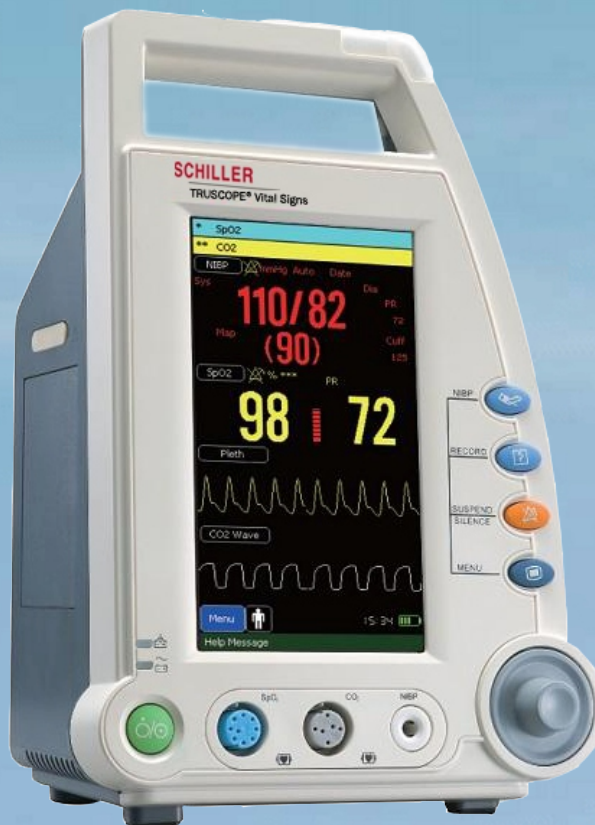


# TRUSCOPE® Vital Signs Monitor



## Features:

- Light weight & portable Vital Signs monitor
- 7" high resolution colour Anti-glare TFT LCD display
- NIBP, Pulse Rate and SpO<sub>2</sub> monitoring
- Lithium ion battery for longer operating hours
- Up to 1000 patient recording storage
- Up to 96 hours of trend data storage with 1 minute resolution

## Standard Configuration:

- NIBP, Digital SpO<sub>2</sub>, Pulse Rate

## Optional:

- Nellcor or Masimo technology for SpO<sub>2</sub>
- Microstream ETCO<sub>2</sub>
- Instant infra-red ear thermometer



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# Technical Specifications of TRUSCOPE® Vital Signs Monitor

## General

### Size and Weight

- Size : 160 x 130 x 260 mm (W x H x D)
- Weight: (2.5 kg) (including lithium battery)

### Display

- Type: 7" Anti-glare TFT LCD
- Resolution: 234 x 480 pixels

### Power Supply

- Input voltage: AC: 100-240V, 50 Hz/60Hz
- Input power: 70 VA

### Battery

- Type: 11.1V 4000mAh rechargeable lithium ion battery
- Operating time: > 8 hours
- Charge time: 6h to 100% (Standby)

### Data Storage

- Clinic Mode:
- Patient quantity: 1000
- Recording number: 16000
- Single patient clinic record number: 1~16000
- Monitor Mode:
- Patient quantity: 1
- Trend data: Resolution 1 Min: can store 96 hours  
Resolution 5 Min: can store 480 hours  
Resolution 10 Min: can store 960 hours
- Alarm events: 1000
- NIBP measurement record: 5000

### Environmental Specifications

- Operating Temperature: (5~40)°C
- Humidity: ≤ 85% (noncondensing)
- Atmospheric Pressure: (700~1060)hPa

### Transportation and Storage

- Temperature: (-20~+55)
- Humidity: ≤ 93% (noncondensing)
- Atmospheric Pressure: (500~1060) hPa

### PR

- Measurement range: 20~250 bpm
- Resolution: 1 bpm
- Accuracy: ± 1% or ± 1 bpm, whichever is greater

## Performance

### BLT Digital SpO<sub>2</sub>

- Measurement range (0~100)%
- Resolution: 1%
- Accuracy: ± 2% (70%~100%)  
± 3% (35%~69%)
- Unspecified (0~34%)

### Masimo SpO<sub>2</sub> (Option)

- Measurement range (0~100)%
- Resolution: 1%
- Accuracy: ± 2%(70%~100%)(adult/pediatric, non-motion conditions)  
± 3% (35%~69%) (neonate, non-motion conditions)  
± 3% (35%~69%) (motion conditions)
- Unspecified (0~69%)

### Nellcor SpO<sub>2</sub> (Option)

- Measurement range (0~100)%
- Resolution : 1%
- Accuracy: ± 2% (70%~100%)(adult)  
± 3% (35%~69%) (Neonate)  
± 2% (35%~69%) (low perfusion)
- Unspecified (0~69%)

### NIBP

- Technique: Automatic Oscillometry
- Range: Adult: 10~270mmHg  
Child: 10~235mmHg  
Neonate: 10~135mmHg
- Accuracy: Static: ±3 mmHg
- Clinic: Average error: ±5 mmHg
- Standard deviation: ≤8 mmHg
- Unit: mmHg, kPa
- Pulse rate range: 40-240 bpm

### Microstream ETCO<sub>2</sub> (Option)

- Measurement way: Infrared spectrum
- Sample flow rate: 50 ml/min ± 10 ml/min
- Measurement range: (0~19.7)%, (0~150 mmHg)
- Resolution: 0.1% or 1 mmHg
- Unit: %, mmHg, kPa
- Accuracy: ± 2 mmHg 0mmHg to 40 mmHg,  
± 5% of reading 41 mmHg to 70 mmHg,  
± 8% of reading 71 mmHg to 100 mmHg,  
± 10% of reading 101 mmHg to 150 mmHg,  
(760 mmHg, temperature is 25°C)  
(When RR> 80 rpm, all the range is +12% of reading)

### Certification:

CE 0123

### Standard accessories

- Power cord - 1 no.
- SpO<sub>2</sub> probe with extension cable - 1 no.
- NIBP-Adult, paediatric & Neonatal cuff
- NIBP extension tube
- Grounding wire - 1 no.
- User manual - 1 no.
- Warranty card - 1 no.
- Packing list - 1 no.

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