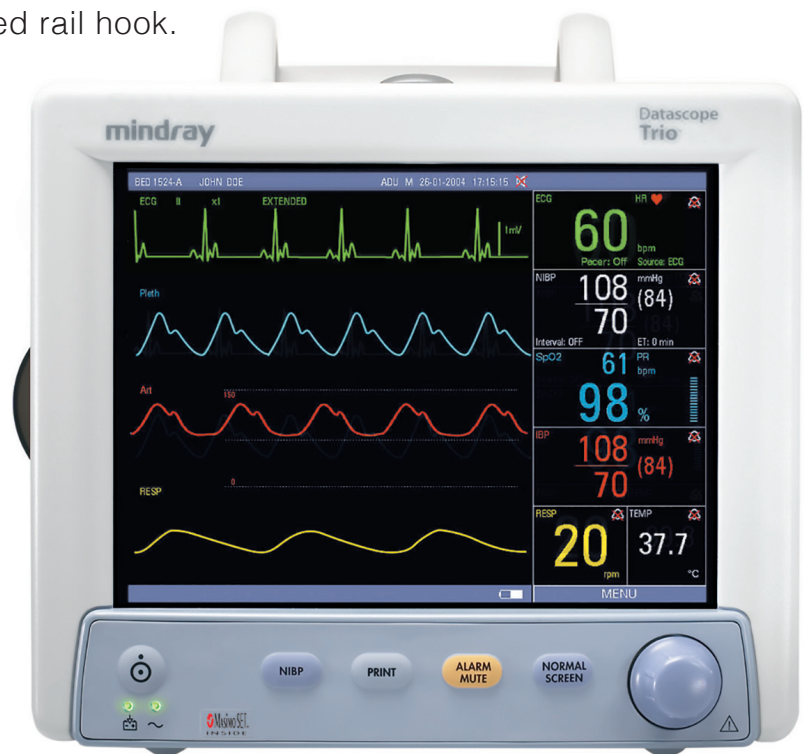




The **Mindray Datascope Trio** portable patient monitor uses a parameter module as the basis for acquiring patient data. The Datascope Trio has a high-resolution color display that offers a crisp viewing area for displaying ECG, SPO2, NIBP, and Temperature. The Trio features a lightweight design, integrated bedrail hook and handle, built-in power supply and recorder, making this monitor highly adaptable for use in many different departments.

Features

- 8.4" color TFT display.
- 800 x 600 resolution.
- Standard features include 4 waveforms, 3 or 5 lead ECG, SPO2, NIBP, temperature, and respiration.
- Built-in power supply for direct AC connection.
- Quick and easy recognition of patient information.
- Fold-away handle with built-in bed rail hook.



Specifications

Dimensions
Height: 8.98" (22.8 cm)
Width: 9.49" (24.1 cm)
Depth: 6.85" (17.4 cm)
Weight: 10.61 lbs (4.81 kg)

Power
Input Voltage: 100 to 240 VAC ($\pm 10\%$)
Line Frequency: 50 or 60 Hz (± 3 hz)
Current: 0.8 to 0.4 Amps

Battery
Sealed Lead Acid Battery
Minimum Run Time: ~75 Minutes
Recharge Time: 8 hours
Lithium Ion Battery
Minimum Run Time: ~3.25 hours
Recharge Time: 6.5 hours

ECG
Type: 3 or 5-Lead ECG
Gain Selection: x0.25, x0.5, x1, x2
Sweep Speed: 12.5 mm/s, 25 mm/s, 50 mm/s
Resolution: 1 bpm
Accuracy: ± 1 bpm or $\pm 1\%$ whichever is greater
Trigger Threshold Level: 200 μ V (Lead II)

NIBP
Pulse Range: 40 to 240 bpm
Pulse Rate Accuracy: ± 2 bpm or 2%, whichever is greater
Systolic Pressure Range: Adult: 40 to 255 mmHg, Pediatric: 40 to 200 mmHg
Diastolic Pressure Range: Adult: 10 to 210 mmHg, Pediatric: 10 to 150 mmHg
Static Pressure Range: 0 to 325 mmHg

IBP
1 IBP Channel reading systolic, diastolic, and mean pressures
Accuracy: ± 1 mmHg or 2% which ever is greater
Excitation: 5 Volts DC, $\pm 2\%$ Minimum load resistance is 300 ohms per transducer
Resolution: 1 mmHg
Linear Input Rnage: -50 to +300 mmHg, after zeroing
Noise: 0.5 mmHg RTI, DC to 15 Hz, 300 Ω source impedance.



Specifications

Temperature

Scale: Celsius or Fahrenheit

Range: 0°C to 50°C, 32°F to 122°F

Resolution: 0.1°C, 0.1°F

Accuracy: ± 0.1°C (0°C to 50°C), ± 0.2°F (32°F to 122°F)

SpO2

Type: Masimo SET or Nellcor

Masimo

Sensor Compatibility: LNOP or LNCS Series

SpO2 Display Range: 1 to 100%

SpO2 Resolution: 1%

Nellcor

Sensor Compatibility: OxiMax Series, MAX-A, MAX-AL, MAX-N, MAX-P, MAX-I, MAX-FAST, MAX-R, OxiCliq A, OxiCliq N, OxiCliq P, OxiCliq I, D-YS, D-YSE, D-YSPD, DS-100A, OXI-A/N, and OXI-P/I

SpO2 Display Range: 1 to 100%

SpO2 Resolution: 1%

Recorder / Printer

The integrated printer is a maximum 2-trace thermal array strip chart printer

Type: Plain white thermal paper 50.0 ± 0.1 mm wide

Speed: 2 speeds, 25 and 50 mm/sec.

Scaling: ±5% of the scale set on the display for a single trace and 50% scale set on the display for dual trace.

Modes: 6, Manual, on alarm, on interval, frozen waveforms, list trend, and graphic trend.

