

MINDRAY DATASCOPE PASSPORT V

ABOUT

Passport V is Mindray's latest addition to a long line of portable patient monitors designed to meet the needs of caregivers in a range of clinical areas. Passport V is built on a solid foundation of experience and knowledge. It follows a proven approach to the acquisition and presentation of patient data, thereby delivering impressive reliability and performance. Like other products in its line, Passport V utilizes a straightforward, familiar interface so that the user's experience is a positive one. It delivers just the right combination of simplicity and sophistication, offering a comprehensive feature set in an uncomplicated, easy-to-learn manner.

FEATURES

Large 12.1" display.

Passport V offers ECG, NIBP, temperature, respiration, and Masimo SET® motion-tolerant SpO2 as its standard configuration.

96 hours of patient data is provided in a list or graphic trend format so you can easily review your patient's history.

Comprehensive calculation packages including both IV drug and hemodynamic data. Titration tables and calculations can be printed to the internal recorder or a networked laser printer.

Remote View mode with 8-bed alarm notification enables clinicians to monitor multiple patients.

The innovative quick-release mount makes transport a bit easier.



SPECIFICATIONS

DISPLAY

Display Type: Color, anti-glare TFT display.

Size: 12.1" (246 x 184.4 mm.)

Resolution: SVGA 800 × 600 pixels.

Waveforms: 3 to 8.

ECG (3 AND 5-LEAD)

Leads: I, II, III, aVR, aVL, aVF, and V.

Cable Detection: Automatic Detection of 3 or 5-lead Sets.

Display Sensitivity: 1.25, 2.5, 5, 10, 20, 40 mm/mV.

ECG Signal Range: +/- 8 mV (peak-to-peak value.)

Calibration Signal: 1 mV (peak-to-peak value.)

FREQUENCY RESPONSE TO SCREEN

Surgical Mode: From 1 to 20 Hz.

Monitor Mode: From 0.5 to 40 Hz.

ST Mode: From 0.05 to 40 Hz.

Diagnostic Mode: From 0.05 to 150 Hz.

Defibrillation Protection: Withstand 360 Joule discharged current as per IEC 60601-2-27, 51.101.1.

Baseline Recovery Time: <5 s after defibrillation (in monitor and surgical mode.)

Defib. Synchronous Pulse: The time interval between the peaks of R-waves to the start of synchronous pulses is ≤ 35 ms.

ECG ANALOG OUTPUT

Delay: 25 ms max.

Sensitivity: 1 V/mV of input $\pm 10\%$.

HEART RATE

Range: 15–300 bpm adult, 15–350 bpm pediatric, 15–350 bpm neonatal.

Accuracy: ± 3 bpm or 3% at 30–250 bpm whichever is greater $\pm 5\%$ at 251–350 bpm, the greater of.

Pacer Pulse Rejection: Rejects pulses of amplitude between ± 2 mV to ± 700 mV and duration 0.1 ms to 2 ms with no tail.

Tall T Waves Rejection: Rejects all T-Waves of amplitude less than 1.2 mV, QRS 100 ms, QT interval of 350 ms, duration 180 ms.