

# Datascope Passport XG Vital Signs Monitor



A versatile vital signs monitor specifically designed for surgery, bedside and transport applications. The large, easy-to-read electro luminescent display provides up to three waveforms. The Passport's easy-to-understand menu and single dedicated function keys make it fast and easy-to-use. Featuring EKG, NIBP, pulse oximetry, respiration, temp and recorder, the Passport can also be configured with optional mainstream end-tidal CO<sub>2</sub>. Light weight and portable, the Passport is a perfect device for multi-parameter monitoring needs.

## Features

- 3/5 Lead ECG
- Printer
- Non-invasive blood pressure
- Pulse oximetry
- Battery back up for transport



Typical Manufacturer's Image

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## Specifications

<b>Display</b>	<ul style="list-style-type: none"> <li>• 21.1 cm x 15.8 cm</li> </ul>
<b>ECG</b>	<ul style="list-style-type: none"> <li>• Leads I, II, III, aVR, aVL, aVF and V.</li> <li>• Defibrillator overload protection: Withstand Lown and trapezoidal or Edmark waveform up to 400 joules applied to 100 ohms load and electrode at 20 second intervals.</li> <li>• Recovery time: time for trace to return to screen from defibrillator moo pulse is 3 seconds maximum.</li> </ul>
<b>IBP</b>	<ul style="list-style-type: none"> <li>• Range to digital display; systolic/diastolic mean -20 to +300 mmHg.</li> <li>• Accuracy: 2 mmHg or 2%, whichever is greater to numerical display position.</li> <li>• Zero range: <math>\pm 120</math> mmHg minimum at nominal gain.</li> </ul>
<b>Heart Rate</b>	<ul style="list-style-type: none"> <li>• Range - 30-300 bpm for adult/child, 30-350 bpm for neonatal.</li> <li>• Accuracy - 30-250 <math>\pm 3</math> bpm or <math>\pm 3\%</math>, whichever is greater.</li> </ul>
<b>NIBP</b>	<ul style="list-style-type: none"> <li>• Technique: oscillometric.</li> <li>• Systolic range: 50 to 250 mmHg for adult/ped mode, 15 to 150 mmHg for neonatal mode.</li> <li>• Diastolic range: 30 to 200 mmHg for adult/ped mode, 10 to 150 mmHg for neonatal mode.</li> <li>• Systolic accuracy: mean error less than 7 mmHg, standard deviation less than 8 mmHg (adult/ped), mean error less than 4 mmHg, standard deviation less than 13 mmHg (neonatal)</li> <li>• Diastolic accuracy: mean error less than 7 mmHg, standard deviation less than 8 mmHg (adult/ped), mean error less than 4 mmHg, standard deviation less than 7 mmHg (neonatal).</li> <li>• Heart rate meter range: 30-250 bpm.</li> <li>• Heart rate meter accuracy: <math>\pm 3</math> bpm or <math>\pm 3\%</math>, whichever is greater.</li> </ul>
<b>Temperature</b>	<ul style="list-style-type: none"> <li>• Scale: selectable <math>^{\circ}\text{C}</math> or <math>^{\circ}\text{F}</math>.</li> <li>• Range: <math>15^{\circ}\text{C}</math> to <math>45^{\circ}\text{C}</math>, <math>59^{\circ}\text{F}</math> to <math>113^{\circ}\text{F}</math>.</li> <li>• Accuracy: <math>\pm 0.1^{\circ}\text{C}</math> to <math>45^{\circ}\text{C}</math> or <math>\pm 0.2^{\circ}\text{F}</math> 59 to <math>113^{\circ}\text{F}</math></li> </ul>
<b>Respiration (ECG)</b>	<ul style="list-style-type: none"> <li>• Range: 4-200 pm.</li> <li>• Accuracy: <math>\pm 2\%</math> or <math>\pm</math> bpm, whichever is greater</li> </ul>
<b>Recorder</b>	<ul style="list-style-type: none"> <li>• Speed - 50, 25, 12., 6.25, 3.125 mm/sec <math>\pm 5\%</math></li> </ul>
<b>CO2</b>	<ul style="list-style-type: none"> <li>• Range: 0-14.8 vol%, 0-14.8 kPa, 0-11 mmHg, 0-111 Torr.</li> <li>• Rise Time: &lt;400ms.</li> <li>• Accuracy: <math>\pm(0.2\%</math> vol% to 2% of reading)</li> </ul>
<b>O2</b>	<ul style="list-style-type: none"> <li>• Range: 0-100 vol%.</li> <li>• Rise time: &lt;400 ms.</li> <li>• Accuracy: <math>\pm(0.2\%</math> vol% + 2% of reading)</li> </ul>
<b>N2O</b>	<ul style="list-style-type: none"> <li>• Range: 0-100% N2O.</li> <li>• Rise time: &lt;450 ms.</li> <li>• Accuracy: <math>\pm(2</math> vol%+ 2% of reading)</li> </ul>
<b>Battery</b>	<ul style="list-style-type: none"> <li>• Type: 2 sealed lead acid batteries.</li> <li>• Voltage: 12 VDC nominal (@2.3A load).</li> <li>• Capacity: 2.3 AH each.</li> <li>• Run time: 1.5 hours from full charge of new battery at <math>25^{\circ}\text{C}</math> with SpO2, 1 NIBP every 15 minutes, no recording.</li> <li>• Recharge time: 16 hours.</li> <li>• Low battery warning: 11.6V, <math>\pm 3.5\%</math>.</li> <li>• Low battery cut off: 11.0V <math>\pm 2.8\%</math></li> </ul>



Soma Technology Inc.  
 166 Highland Park Drive  
 Bloomfield, CT 06002 • USA  
 1.800.438.7662  
[www.SomaTechnology.com](http://www.SomaTechnology.com)

Note: The technical data given in this publication is for general information and are subject to change without notice. Actual configuration on the unit may vary. Contact our sales representatives for a complete list of details.