Continuous cardiac output, directly from the arterial line

Edwards FloTrac Sensor

Edwards FloTrac sensor is a less invasive hemodynamic monitoring device that, when used with the Vigileo monitor, measures continuous cardiac output (CCO) through an arterial pressure line. It’s engineered for accuracy and simplicity by Edwards Lifesciences, the world leader in hemodynamic monitoring.

Less invasive
• Connects to an existing peripheral arterial catheter
• More rapid set-up and application
• Expands options for monitoring high-risk patients

Easy to use
• User enters patient age, gender, height and weight to initiate CCO monitoring
• Automatically calculates key flow parameters
• Continuously compensates for changes in patient’s vascular physiology
New minimally invasive approach to monitoring continuous cardiac output (CCO)

Vigileo Product Specifications

Power/Electrical
• AC Mains: 100-240 VAC, 50/60 Hz, 1 A maximum consumption

Color Display
• 5.2 in. (132.5mm) x 3.9 in. (99.4mm) TFT
• 640 x 480 pixels

Measuring Time
• CCO: display updated every 20 sec.

Trend Range
• 0.1-72 hours

Display Capacity
• 2 trend lines, 2 numerical displays

Size
• Height: 7.2 in. (183.9mm)
• Width: 10.7 in. (271.8mm)
• Depth: 7.2 in. (181.6mm)

Weight
• 4.5 pounds (2.1 Kg)
• IV pole mount capability

Bi-directional Patient Monitor Communications
Analog Input/Output (Selectable Voltage)
• Input: 0 to 1V, 0 to 5V, 0 to 10V
• Output: 0 to 1V, 0 to 10V

Digital I/O, Serial Communication Interface (RS232)
• Maximum data rate – 57.6 kilo baud

Printer Communications
• USB Port: V1.1-compatible type A connector

View our process animation at: www.edwards.com/flotrac

**Available when used with appropriate Edwards oximetry catheters.

Parameters

<table>
<thead>
<tr>
<th>Label</th>
<th>Parameter</th>
<th>Range/Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO</td>
<td>Arterial Pressure Cardiac Output</td>
<td>1.0 - 20.0 L/min</td>
</tr>
<tr>
<td>ScvO₂⁎</td>
<td>Central Venous Oxygen Saturation</td>
<td>0 - 99%</td>
</tr>
<tr>
<td>SvO₂⁎</td>
<td>Mixed Venous Oxygen Saturation</td>
<td>0 - 99%</td>
</tr>
<tr>
<td>CI</td>
<td>Cardiac Index</td>
<td>0 - 20.0 L/min/m²</td>
</tr>
<tr>
<td>SV</td>
<td>Stroke Volume</td>
<td>0 - 300 m³/beat</td>
</tr>
<tr>
<td>SVI</td>
<td>Stroke Volume Index</td>
<td>0 - 200 m³/beat m²</td>
</tr>
<tr>
<td>SVV</td>
<td>Stroke Volume Variation</td>
<td>0 - 99%</td>
</tr>
<tr>
<td>SVR</td>
<td>Systemic Vascular Resistance</td>
<td>0 - 3,000 dynes-cm/m²</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(0 - 300.0 kPa/sec)</td>
</tr>
<tr>
<td>SVRI</td>
<td>Systemic Vascular Resistance Index</td>
<td>0 - 6,000 dynes-cm²/m²</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(0 - 600.0 kPa/sec-m²)</td>
</tr>
</tbody>
</table>

Vigileo Product Specifications

Rx only. See instructions for use for full prescribing information.

Edwards Lifesciences devices placed on the European market meeting the essential requirements referred to in Article 3 of the Medical Device Directive 93/42/EEC bear the CE marking of conformity.

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