Access continuous EtCO₂ monitoring and infusion therapy on a single platform

Alaris™ EtCO₂ Module
Continuous respiratory monitoring across all patient care areas

Alaris™ PCA Pause Protocol pauses patient-controlled analgesia (PCA) infusions when hospital-established respiratory rate alarm limits are exceeded.

This unique BD Alaris™ system feature helps you identify adverse events and manage respiratory complications. It enables continuous respiratory monitoring to reduce the risk of respiratory depression from opioid infusions.¹

Real-time EtCO₂ and PCA dose trend data

Display trending helps you view real-time patient PCA infusion dosing, respiratory rate, end-tidal carbon dioxide (EtCO₂) value and no breath event status. These capabilities help you assess and respond to the patient’s physiological response to PCA therapy.

Alaris™ EtCO₂ Module provides high-performance:

- Easy-to-use plug and play technology
- A full array of FilterLine™ nonintubated ETCO₂ Patient Sampling Lines are available, featuring oral and nasal sampling as well as an innovative supplemental oxygen delivery system.
- For long-term monitoring, FilterLine™ sampling lines with drier moisture reduction technology are available
- Customizable profiles that add alarm limit flexibility across all patient care areas
Alaris™ EtCO₂ Module, with Medtronic Microstream™ Capnography technology

Alaris™ EtCO₂ Module promotes accuracy with:

- Small sampling size (50 mL/min) that measures accurate EtCO₂, respiratory rate, fractional inspired carbon dioxide (FiCO₂) and no breath values for all patient populations, from adult to neonatal
- Includes Smart Alarm for Respiratory Analysis™ Algorithm (SARA), which is engineered to reduce clinically insignificant respiratory rate alarms

Alaris™ EtCO₂ Module supports patient safety through:

- Adherence to current American Society of Anesthesiologists (ASA) and The Joint Commission standards recommending CO₂ monitoring for all anesthetized patients (intubated and nonintubated)²
- Added safety at the bedside to continuously monitor patient respiratory response to infusion therapy. When used with the Alaris™ PCA Module, it is the first and only infusion system to introduce PCA Pause Protocol, real-time EtCO₂ and PCA dose trend data
- Customizable alarm limits by care area utilizing Guardrails™ Software
- Visual indication of respiratory depression through capnography waveform

Medtronic provides these disposables:

- Intubated EtCO₂ and nonintubated EtCO₂ (with or without O₂ administration) FilterLine™ EtCO₂ Sampling Lines

Several societies have published guidelines promoting the utility of capnography for the detection or prevention of respiratory compromise in patients receiving opioids.

- Anesthesia Patient Safety Foundation (ASPF)³
- American Society of Anesthesiologists (ASA)⁴
- Institute for Safe Medication Practices Reducing Patient Harm from Opiates⁵
- Institute for Healthcare Improvement (IHI)⁶
- Joint Commission ⁷

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sampling rate</td>
<td>50 mL/min, nominal</td>
</tr>
<tr>
<td>EtCO₂ measurement</td>
<td>0–99 mmHg (at sea level)</td>
</tr>
<tr>
<td>Respiration rate</td>
<td>0–150 breaths/min</td>
</tr>
<tr>
<td>FiCO₂</td>
<td>0–99 mmHg (at sea level)</td>
</tr>
<tr>
<td>No breath limit</td>
<td>0–60 sec (default = 30 sec)</td>
</tr>
</tbody>
</table>
For more information, contact your BD sales consultant at 800.482.4822 or visit bd.com

References