SMART. RELIABLE. EFFECTIVE.

Nimbus™ II PainPRO

Why Nimbus?

The Nimbus Ambulatory Infusion System combines the accuracy of an electronic infusion pump with a simple and easy to understand user interface for patient interaction. Nimbus is unique in that is engineered to be forward-thinking and capable of delivering advantages that meet the evolving needs of pain management. The goal is to provide a system that uniquely meets current needs but evolves toward the future to help improve patient outcomes.

Nimbus Features

- Demand + Programmed Intermittent Bolus
- Custom Protocol Library
- Global & Protocol Safeguards
- 10 Day Battery Life | VTBI 1-1500 mL
- Up to a 24 hour delay start
- On-The-Fly Titration | Shift Totals | Event Logs

Safe

The integrated "Watchdog" algorithm protects against under-infusion and over-infusion with electronic accuracy and programmability.

More Effective

Advanced technology inside Nimbus provides greater control over the infusion to optimize block efficacy and duration. Simplicity with one SKU.

Greater ROI

Nimbus unifies in-patient and out-patient settings with one pump, streamlining workflow processes, cutting costs, and improving patient experience.

Optimize the Acute Pain Management Workflow

Schedule a product demo

Talk to your local sales representative to schedule a hands-on product demonstration.
# Technical Specifications

<table>
<thead>
<tr>
<th>Pump Mechanism</th>
<th>Linear Peristaltic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Modes</td>
<td>Basal Infusion Mode, PCA Mode, Programmed Intermittent Bolus Mode (PIB)</td>
</tr>
<tr>
<td>Flow Rate</td>
<td>Basal Rate: 0-14 mL/hr</td>
</tr>
<tr>
<td>Bolus Infusion Rate</td>
<td>210 mL/hr</td>
</tr>
<tr>
<td>Maximum Infusion Pressure</td>
<td>30 psi</td>
</tr>
<tr>
<td>Maximum Time to Occlusion Alarm</td>
<td>20 minutes</td>
</tr>
<tr>
<td>Delay Start</td>
<td>Range 0-24 hours</td>
</tr>
<tr>
<td>VTBI</td>
<td>1-1500 mL</td>
</tr>
<tr>
<td>Library</td>
<td>12 Protocol Library</td>
</tr>
<tr>
<td>Dimensions</td>
<td>4.25 in. x 2.28 in. x 1.57 in. (108 mm x 58 mm x 40 mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>6.14 ounces (174 grams)</td>
</tr>
<tr>
<td>Power Supply</td>
<td>Internally powered by battery (Not rechargeable)</td>
</tr>
<tr>
<td>Battery life</td>
<td>240h or 1500 mL of volume infused, whichever is reached first</td>
</tr>
</tbody>
</table>

### Alerts
- Cassette Loading Error
- Upstream Occlusion
- Downstream Occlusion
- Pump Unattended
- Infusion Complete
- Battery Depleted
- Invalid Infusion Parameter
- Pump End-of-Life
- System Error
- Firmware Error

### Warnings
- Keypad Locked/Unlocked
- Bolus Lock-out
- Battery Low
- Approaching End-of-Life

### Administration Set
- Spike
- Set-based Free Flow Protection
- Slide Clamp
- Air Eliminating Filter
- Luer Lock Adapter

### Accessories
- Carrying pouch for pump and drug bag, Remote Bolus Cord

### Standards
- Electrical Safety: IEC 60601-1
- Pump Performance: IEC 60601-2-24
- Electromagnetic Compatibility: IEC 60601-1-2
- Usability and Human Factor: IEC 60601-1-6 / IEC 62366
- Alarm System: IEC 60601-1-8
- Home Healthcare Environment: IEC 60601-1-11

### Environmental Conditions

<table>
<thead>
<tr>
<th></th>
<th>Operating</th>
<th>Storage / Transportation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>5 to 40 °C</td>
<td>26 to 70 °C</td>
</tr>
<tr>
<td>Relative Humidity</td>
<td>15% to 93%, non-condensing</td>
<td>Up to 93%, non-condensing</td>
</tr>
<tr>
<td>Atmospheric Pressure</td>
<td>70 kPa to 106 kPa</td>
<td>48 kPa to 110 kPa</td>
</tr>
</tbody>
</table>