

Avoset™ Infusion Pump



Pump Type	Compact, ambulatory, volumetric pump, delivering controlled infusions
Intended Use	The Avoset™ Infusion pump is intended for controlled infusion at continuous rate, and/or with an intermittent bolus, and/or with a patient bolus, and/or with taper, in the hospital and home environments
Indications for Use	<p>Routes: Parenteral (intra-arterial, intra-venous, subcutaneous, perineural, epidural) and enteral infusions</p> <p>Patient populations: Pediatric (infants, children, and adolescents excluding neonates) and adult patients</p> <p>Designed to deliver: IV medication (including fluids), Total Parenteral Nutrition (TPN), lipids, epidural medication</p>



Key Specifications

<p>Dimensions (H x W x D) 3.8 x 3.8 x 1.85 inches</p>	<p>Volume (VTBI) 0.1 – 9,999 mL</p>	<p>Air In Line Detection 0.1 mL, 0.2 mL, 0.5 mL, 2 mL, off</p>
<p>Weight 15.9 oz with 3 AA batteries</p>	<p>Flow Rate 0.1 – 300 mL/h</p>	<p>Accumulated Air Detection Off, 1 mL</p>
<p>Accuracy ± 5% (nominal)</p>	<p>KVO Rate 0.1 – 10 mL/h</p>	<p>Alarm Volume High, low</p>
<p>Power Source and Battery 3 x AA batteries (disposable/rechargeable) Alkaline/LR6 (AA, 1.5 V) or NiMH/HR6 (AA, 1.2 V)</p>	<p>Prime Automatic or manual priming (adjustable volume)</p>	<p>Keypad Volume High, low, off</p>
<p>Battery Operation Time 280 hours with alkaline batteries at 1 mL/h</p>	<p>Prime Reminder Optional</p>	<p>Security Customizable security access per role</p>
<p>Program Type Continuous, Taper, PCA and Intermittent</p>	<p>Delayed Start 0 to 24 hr - by date and time</p>	<p>Connectivity BLE (Bluetooth Low Energy) NFC (Near Field Communication)</p>
<p>PC Programming Using Avoset Programming Tool</p>	<p>Repeat Last Infusion Yes</p>	<p>BLE Encryption Bluetooth communication is encrypted version 4.2 or higher</p>
<p>Programming Units Milliliters (mL), milligrams (mg), micrograms (mcg)</p>	<p>Downstream Occlusion Sensitivity Low – 23.2 PSI Medium – 17.4 PSI High – 7.25 PSI</p>	<p>Data Integrity HMAC (Hash-based Message Authentication Code)</p>
<p>Pre-Set Program Library Cloud-based, using the Avoset PC Programming Tool</p>	<p>Automatic Restart After Occlusion Release Yes</p>	<p>Event Log >45,000 time stamped events</p>
<p>On Pump Programming Continuous in mL</p>	<p>Upstream Occlusion 5.8 PSI</p>	<p>Fluid Ingress IP34</p>
<p>On Pump Program Edit Continuous, PCA and Taper</p>		

Specifications by Programme Type

<p>Taper</p> <p>Immediate Taper Down Yes (optional)</p>	<p>PCA</p> <p>Patient Bolus 0 to 50 mL</p> <p>Patient Lockout 1 minute to 24 hours</p> <p>Max Boluses per Hour 1 to 60 (optional)</p>	<p>PCA Clinician Dose Yes (optional)</p> <p>PCA Total Dose Limit In mL \ mg \ mcg per hour(s) 1 to 24 hours (optional)</p>
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Avoset™ Programming Tool System Functionality

The Avoset™ Programming Tool is a web-based software application designed to program and define pump settings on a PC that are subsequently downloaded to a pump by Bluetooth and Near-Field communication.

The Avoset™ Programming Tool Supports:

- Creating a customised drug list
- Creating a customised predefined program library
- Avoset™ pump software upgrades
- Providing access to pump event logs

AvosetGo Mobile Phone Application

The Avoset™ pump can connect via Bluetooth to a dedicated mobile phone application to communicate infusion data to Eitan Insights™, a cloud-based platform that can support fleet management and treatment monitoring.



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