BD Alaris 8100 Pump Module Infusion Pump

SOMA TECHNOLOGY, INC.™
New, Demo & Refurbished Medical Equipment

The **BD CareFusion Alaris 8100 Pump Module** is designed for the delivery of large volume fluids, medications, blood, and blood products using continuous intermittent delivery for adult, pediatric, or neonatal patients. Infusion delivery can occur via clinically acceptable routes of administration (e.g., intravenous, intra-arterial, subcutaneous, epidural, enteral, or irrigation of fluid spaces).

Features

- Connect up to four pump and/or syringe modules to one Alaris system.
- Indicated for use on adults, pediatrics, and neonates.
- Unique clamping device, that prevents inadvertent free-flow when the administration set is remvoed from the instrument.
- Profile-specific limits can be defined for flow rate, patient weight, body surface area, maximum and minimum continuous dose, or total dose and duration.
- Multidose Mode - Allows 2-24 doses to be programmed at equally spaced intervals on the same module over a 24-hour period.

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Specifications

Dimensions	**Height:** 8.9” (22.6 cm) **Width:** 3.3” (8.4 cm) **Depth:** 5.5” (14 cm) **Max Weight:** 2.5 lbs (1.13 kg)
Accumulated Air Window	**Single Bolus Setting:** 50 **Volume Window (mL):** 2.8 **Air That Causes Alarm:** 10% **Single Bolus Setting:** 75 **Volume Window (mL):** 8.0 **Air That Causes Alarm:** 20% **Single Bolus Setting:** 250 **Volume Window (mL):** 8.0 **Air That Causes Alarm:** 30% **Single Bolus Setting:** 500 **Volume Window (mL):** 12.0 **Air That Causes Alarm:** 30%
Bolus Volume, Maximum after Occlusion	**Pressure Limit (mmHg):** 50 **Rate (mL/h):** 25 **Bolus Volume (mL):** ≤0.3 **Pressure Limit (mmHg):** 525 **Rate (mL/h):** 25 **Bolus Volume (mL):** ≤0.6
Critical Volume:	The maximum over-infusion which can occur in the event of a single fault condition is 0.6 mL.
Fluid Ingress Protection	IPX1, Drip Proof
Environmental Operating Conditions	**Temperature Range:** 41 to 104°F (5 to 40°C) **Relative Humidity:** 20 to 90% **Atmospheric Pressure:** 525 to 4560 mmHg (700 to 6080 hPa)
Environmental Storage Conditions	**Temperature Range:** -4 to 140°F (-20 to 60°C) **Relative Humidity:** 5 to 85% **Atmospheric Pressure:** 375 to 760 mmHg (500 to 1013 hPa)
Maximum Infusion Pressure	654 mmHg (Maximum Occlusion Alarm Threshold plus tolerance)
Rate Accuracy	±5% at rates between 1 and 999 mL/h ±5.5% at rates <1 mL/h, 95% of the time with 95% confidence

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