

BD Alaris 8100 Pump Module

Infusion Pump

The BD CareFusion Alaris 8100 Pump Module is used in 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, internal, or irrigation of fluid spaces).

Clinicians can attach up to four pump modules to a single Point of Care (PC) unit allowing four different infusions. The Alaris 8100 modules can be attached to either side of the PC unit to create the desired configuration.

The Alaris 8100 module supports the Guardrails Suite MX software. This software helps reduce the risk of medication errors by providing a test of reasonableness before initiating therapy.

FEATURES

- › LCD which displays the drug or IV fluid name, dose, and rate.
- › Indicators that display channel status—red for alarm, yellow for pause, and green for infusing.
- › Set-based, free-flow protection featuring the SmartSite needle-free valves.
- › Sets can be used for gravity infusion.
- › Designed for bag, bottle, or syringe delivery.
- › Supports primary and secondary “piggyback” delivery. Wide screen improves navigation, data entry & electrode connection verification.



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SPECIFICATIONS



Weight:
2.5 lbs (1.13 kg)



Depth:
5.5 in (14 cm)

Width:
3.3 in (8.4 cm)

Height:
8.9 in (22.6 cm)



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, under the
conditions listed below.

Infusion Rate Range:
0.1 - 999 mL/h

Ambient Temperature:
68 ±4°F (20 ±2°C)

Source Container Height:
20 inches above top

Test Solution: Distilled Water

Distal Back Pressure:
0 mmHg (0 kPa)

Needle: 18 gauge

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