

Alaris (Carefusion) IVAC MedSystem III - Models 2860, 2863, 2865

Standards:

UL 544CSA C22.0, No 125

Case Material:

Impact resistant polycarbonate/ABS alloy

Dimensions:

Height: 7.875 inches (20.00 centimeters)

Width: 6 inches 815.24 centimeters)

Depth: 2.10 inches (5.33 centimeters)

Weight: Approximately 5.1 lbs. (2.32 kg) includes Pole Clamp

Air-In-Line (Default):

500 µl except for Neonatal which is 50µl

Occlusion Pressure (Default):

15 psi except for Controller pressure device which is 3 ft H2O

Operating Temperature:

50- 104° Fahrenheit (10° – 40° Celsius)

Storage Temperature:

<95° Fahrenheit (<35° Celsius) for optimum battery life

Maximum Storage Temperature:

131° Fahrenheit (55° Celsius)

Rate Range:

0.1 – 999 milliliter per hour (each channel)

Volume Range:

0.1 – 999 milliliter (each channel)

KVO Rate Range:

0.1 – 20.0 milliliter per hour

System Accuracy:

±5%

Power Consumption:

6 watts AC power. Use only IVAC MedSystem III AC Adapter, Model 1550

Batteries:

Main – Rechargeable NiCad Battery Pack Memory

Back-up – Nonrechargeable Lithium

Battery charge:

A fully charged battery has a minimum of 6 hours running time with all channels running at 125 milliliter per hour and backlighting usage of 2 minutes per hour. The main battery retains 80% of its capacity after 500 charging Cycles, and retains 90% of its capacity after 3 months of Continuous AC charging.

AC Adapter & Cord Length:

Model 1550, 8.5 VDC @ 750 mA & 8.5 feet (2.59 meters)

AC Adapter Connector:

4 pin locking connector is standard on Model 2863. Detachable Connector is standard on Model 2860

Fuses:

3 amp fast-blow internal

Ground Continuity:

Maximum 0.1 ohm

Leakage Current:

Maximum 100 microamps

Alaris (Carefusion) Medley 8015

The Alaris® 8015 PC Unit is the core of the Alaris® System and provides a common user interface for programming infusion and monitoring modules. This helps to reduce complexity at the point of care. Using the Alaris Systems® manager you can wirelessly upload the latest drug and IV parameters, clinical advisories and important safety enhancements. This helps to ensure that nurses and other care givers have the most up to date information.

The MEDLEY Medication Safety System is a modular infusion and monitoring system designed to provide SpO2 monitoring capabilities and accurate, automated infusion of a broad range of intravascular fluids, medications and blood products.

Exceptional versatility

- A common user interface simplifies IV administration by standardizing pump, syringe and PCA on one platform
- Monitoring can be added with the Alaris SpO2 and EtCO2 modules, allowing the clinician to automatically pause PCA infusions if patients fall below target respiratory level



- **The Alaris Auto-ID module offers a unique IV barcoding solution that attaches directly onto the Alaris System**

Increased protection for IV safety

- Guardrails Suite MX software is the most comprehensive safety software available
- The wirelessly enabled software is available on every device
- **Provides the right protection for every infusion by double-checking dose and duration, as well as delivery rate, protecting critical infusions like chemotherapy**

Powerful analytics

- Guardrails software allows you to convert data into meaningful information, so you can quickly identify opportunities for clinical and operational improvement
- With Guardrails CQI Reporter, you have the tools to spot subtle trends, measure the effectiveness of your IV formularies and best practices, and continuously optimize patient care

Alaris (Carefusion) Medley 8100

Dimensions

3.3"W x 8.9"H x 5.5"D/p>

Weight

2.5 lbs.

Operating Principle

Positive Displacement

Flow Rate Range

0.1-99.9 ml/hr in 0.1 ml increments 100-999 ml/hr in 1 ml increments

VTBI Range

0.1-9.99 ml in 0.01 ml increments 10-999.9 ml in 0.1 ml increments 1000-9999 ml in 1 ml increments

KVO Rate

1ml/hr or selected rate, whichever is lower

Infusion Pressure Maximum

654 mmHg

Rate Accuracy

±5% at rates between 1 and 999 ml/hr

±5.5% at rates less than 1 ml/hr

Alaris (Carefusion) Medley POC 8000

Dimensions

6.9"W x 8.8"H x 9"D including pole clamp

Weight

7.2 lbs.

Battery Operation

Battery run time is a function of the number of modules attached and module activity. See operator's manual for battery operation hours.

Communication Data Port

RS-232 with an RJ45 connector

Electronic Memory

System configuration parameters stored in volatile memory are retained for at least 6 months by an internal backup lithium battery. Module specific parameters are stored for 8 hours when system is turned off.

Power Requirements

100-240V, 50/60 Hz, 150VA Max

Alaris/Carefusion/Cardinal Medley PCA 8120

Alaris/Carefusion/Cardinal Medley PCA 8120

Product Specifications

Dimensions

4.5"W x 15.0"H x 7.5"D exclusive of security door

Weight

5.5 lbs.

Operating Principle

Positive Displacement

Delivery Units

mg, mcg, mL, mg/h, mcg/h, mL/h

Flow Rate

0.1-9.99 ml/hr in 0.01 ml increments
10-99.9 ml/hr in 0.1 ml increments
100-999 ml/hr in 1 ml increments

Rate Restriction by Syringe Size

50-60 ml syringe – 0.1-999 ml/hr
30-35 ml syringe – 0.1-650 ml/hr
20 ml syringe – 0.1-500 ml/hr

Occlusion Alarm Thresholds

Low, Medium, and High

Rate Accuracy

±2% of full scale plunger travel not including syringe variation

Alaris/Carefusion/Cardinal Medley Syringe 8110

Alaris/Carefusion/Cardinal Medley Syringe 8110

Product Specifications

Dimensions

4.5"W x 15.0"H x 7.5"D

Weight

4.5 lbs

Operating Principle

Positive Displacement

Flow Rate

0.01-9.99 ml/hr in 0.01 ml increments
10-99.9 ml/hr in 0.1 ml increments
100-999 ml/hr in 1 ml increments

Volume to be Infused

0.1-9.9 ml in 0.01 ml increments
10-60 ml in 0.1 ml increments

Rate Restriction by Syringe Size

50-60 ml syringe – 0.1-999 ml/hr
30 ml syringe – 0.1-650 ml/hr
20 ml syringe – 0.1-500 ml/hr
10 ml syringe – 0.1-250 ml/hr
5 ml syringe – 0.1-150 ml/hr
3 ml syringe – 0.01-100 ml/hr
1 ml syringe – 0.01-30 ml/hr

KVO Rate

1ml/hr or selected rate, whichever is lower

Infusion Pressure Maximum

800 mmHg without pressure sensing disc 1060 mmHg with pressure sensing disc

Rate Accuracy

±2% of full scale plunger travel not including syringe variation

Allied Autovent 3000

Allied Autovent 3000

Product Specifications

- Small, compact, and transport ready
- Designed to perform in harsh and toxic environments
- Assembles quickly with simplified operating instructions printed on the case
- Impact-resistant case with shock-absorbing bumpers and recessed control settings
- Rate and volume settings independently operated
- Easy-to-monitor patient valve assembly and toxic atmosphere valve are able to deliver additional breaths on demand by inspiratory effort of the patient
- Operates exclusively on standard 50 psi source gas, eliminating air entrainment and maintaining the integrity of the specified oxygen concentration
- Operates at extreme temperatures ranging from 0 F to 125 F
- Pneumatically powered, batteries not required
- Allows for PEEP attachment

- Meets ASTM, ISO and KKK-1822C standards

Get the Quick Start Guide Here

Allied Autovent 4000

Allied Autovent 4000

The AutoVent™ 4000 maintains the core features of the AutoVent 2000 and 3000. Pneumatic power and hard plastic case provide a sturdy, virtually unbreakable ventilator. It has the same controls for setting the clinical parameters of BPM, Tidal Volume and Inspiratory Time, but has newly added features which include an internal demand valve, anti breath stacking, adjustable maximum airway pressure from 20 – 80 cmH₂O, manual breath button, alarms and a color coded manometer gauge.

At 2.9 “x 9.6” x 6.5” and only 3.7 lbs, the AutoVent 4000 is the smallest, lightest ventilator on the market. Each AutoVent comes with the LSP Patient Valve with its bright green visual breath indicator, built-in pressure limit alarm and Intermittent Ventilation providing gas flow for spontaneous breathing patients. Made in USA.

B. Braun Infusomat® Space

Infusomat® Space, Volumetric infusion pump

A small, stackable large volume infusion pump system for all care areas that's easy to transport.

Product Description

Type of unit

Volumetric infusion pump

Dimensions

214 x 68 x 124 mm (WxHxD)

Weight

Approx. 1.4 kg

Moisture Protection

IP 22, drip protected for horizontal usage

Display

Backlit graphic display, ~40° read angle from all sides

Keypad

Backlit keys, cell phone like cursor navigation

Flow Rates

0.1-1200 ml/h

Accuracy of Set Delivery Rate

<< ± 0,5 % mechanical accuracy

± 5 % according to IEC/EN 60601-2-24

Operating Temperature

+10° C ... + 40° C

+50° F +105° F

Voltage

11-16 V DC supplied by external Space Power Supply or by SpaceStation

Battery Operating Time

Minimal power consumption of the devices and new battery technology ensure long operating times, e.g. 9.4 hrs. @ 80 ml/h, 8.5 hrs. @ 100 ml/h

Lifetime

Min. 10 years under continuous duty conditions

B. Braun Outlook

Mechanism

Volumetric, Positive Pressure Displacement Reservoir

Dimensions

Width - 12" Height - 4.5" Depth - 8.75"

Power

120 VAC, 3 amp, 60 Hz

Battery

12V Sealed lead-acid battery

Rate Range

0.1-999.9 ml/hr in 0.1 ml increments
Micro mode: 0.1-99.9 ml/hr in 0.1 ml increments

Volume to be Delivered Range

0.1-9999.9 ml in 0.1 ml increments

Variable Occlusion Range

75, 100, 200, 300, 400, 500, and 750 mmHg

KVO Rate

3 ml/hr or selected rate, whichever is lower

Volume Delivery Accuracy

±5%

Alarms

Air-in-line

Plug in alarm

Close Roller Clamp

Container Empty

Door Open

Downstream Occlusion

Hold Time Exceeded

Low Battery Warning

System Error

Features

DoseGuard™ (Outlook 100, 200)

DoseScan™ (Outlook 200)

Mode with Drug Menu

Primary and Piggyback Modes

Set Time and Volume

Schedule Next Run

Program Mode

Variable Occlusion Pressure

B. Braun Perfusor® Space

Perfusort® Space Infusion Pump System

A small syringe pump that is big on safety and accuracy in any care setting.

Product Description

Type of unit

Infusion syringe pump, syringe driver

Dimensions

249 x 68 x 152 mm (WxHxD), drive parked

Weight

Approx. 1.4 kg

Moisture Protection

IP 22, drip protected for horizontal usage

Display

Backlit graphic display, ~40° read angle from all sides

Keypad

Backlit keys, cell phone like cursor navigation

Flow Rates

0.01-1800 ml/h

Accuracy of Set Delivery Rate

$<< \pm 0,5 \%$ mechanical accuracy

$\pm 2 \%$ according to IEC/EN 60601-2-24

Operating Temperature

+5° C ... + 40° C

+41° F +105° F

Voltage

11-16 V DC supplied by external Space Power Supply or by SpaceStation

Battery Operating Time

Minimal power consumption of the devices and new battery technology ensure long operating times, e.g. 16.8 hrs @ 1 ml/h, 16 hrs @ 5 ml/h, 14 hrs @ 20ml/h

Lifetime

Min. 10 years under continuous duty conditions

B. Braun Vista Basic

Product Specifications

Mechanism

Linear peristalsis

Dimensions

5.5"W x 9.4"H x 7.8"D

Weight

6.8 lbs.

Power

100-120 VAC, 50-60 Hz, 13 Watts

Battery

7.2V, 1.2Ah NiCad rechargeable

Battery Operating Time

3.5 hours at max delivery rate

Rate Range

0.1-800 ml/hr in 0.1 ml increments with Vista™ tubing

Volume to be Infused

0.1-9999.9 ml

Occlusion Pressure

Variable Settings: Low – 8 PSI, High – 17 PSI

KVO Rate

1 ml/hr or selected rate whichever is lower

Flow Rate Accuracy

±5%

Alarms

Air-in-line

Low Battery

Plug in Now

Bag Empty

Downstream Occlusion

Door Open

Pump Stopped

KVO

Unit Malfunction

Mode/Features

Continuous and Piggyback Modes

Program Mode for variable infusions

Ramp/Taper Mode for TPN infusions

Delay A Mode for postponing start and finish