



The **B. Braun Vista Basic** is a volumetric infusion pump intended to provide accurate and continuous flow of parenteral and enteral fluids. Standard delivery rate range from 0.1 to 999.9 ml/h with intrafix and 0.1 to 800 ml/h with Vista Pump Set. This unit is operated via a membrane keypad and equipped with a liquid crystal display to show the delivery rate and operating support to the user.

Features

- Linear peristaltic pump.
- Can be operated as a stand-alone unit or integrated in an intensive care unit.
- Battery provides at least 3 hours of operation at highest delivery rate.
- Easy to use, teach, and learn.
- Using a drop sensor eliminates the need for pre-setting a VTBD in continuous mode and senses upstream occlusions and empty solution containers.



Specifications

Dimensions

Height: 9.4 in (24 cm)
Width: 5.5 in (14 cm)
Depth: 7.8 in (20 cm)
Weight: 6.8 lbs (3.1 kg)

Mechanism

Linear peristaltic volumetric infusion pump

Power

VAC: 100-120 VAC
Hz: 50-60 Hz
Watts: 13 Watts
Leakage Current: Max 30µA

Battery

Type: Nickel-cadmium (Rechargeable)
Amp Hours: 1.2Ah
Volts: 7.2V
Operating Time: ≈3.5 hours at 125 mL/hr
Charge Time: Approx. 16 hours

Infusion Rates

Intrafix Tubing: 0.1 to 999.9 mL/h
Vista Tubing: 0.1 to 800.0 mL/h
KVO Rate: 1 mL/h or selected rate, whichever is lower
Flow Rate Accuracy: ±5% measurement time 8h5, temp. 71.6°F

Alarms

Air-in-Line, Low Battery, Plug In Now, Bag Empty, Downstream Occlusion, Door Open, Pump Stopped, KVO, Unit Malfunction

Air-in-Line Alarm

Air bubble size 0.3mL (Can be set from 0.01 to 0.3 mL in service) or 1.5mL/hr (Can be set from 0.5 to 3.5 mL/hr in service program)

Modes/Features

Continuous and Piggyback Modes, Program Mode for variable infusions, Ramp/Taper Mode for TPN infusions and Delay A Mode for postponing infusion start and finish

Memory

User option to retain last Continuous and Piggyback Mode data upon power up. Permanent data retention in Program and Ramp/Taper Modes after pump is turned off



Specifications Continued

SpO2

Range: 40-100% SpO2

Display Resolution: 1% SpO2

Display Update: Every 2 ±0.2 seconds

Calibration: Factory calibrated to functional saturation

Accuracy: ±2% from 70-100% SpO2; ±4% from 60-69% SpO2; Unspecified from 40-59% SpO2

Batter

Type: Sealed lead-acid

Number of Batteries: 1

Battery Voltage: 12 V DC nominal

Battery Capacity: 2.3 Amp-Hour

Battery Run Time: Accutorr Plus NIBP - 5 hours from full charge with new battery at 25°C with 1 NIBP measurement every 5 minutes and recorder not in use; Accutorr Plus NIBP with Trend Screen - 3 hours from full charge with new battery at 25°C with 1 NIBP measurement every 5 minutes and recorder not in use; Accutorr Plus NIBP with Trend Screen and SpO2 - 2 hours from full charge with new battery at 25°C with 1 NIBP measurement every 5 minutes, continuous SpO2 measurement, and recorder not in use.

Recharge Time: 8 hours maximum with unit in Standby

Cyclic Service Life: 150 cycles, 100% to 20% of capacity; 400 cycles, 100% to 40% of capacity

Real Time Clock

Resolution: 1 minute

Accuracy: ±1 minute/week

Display Format: 24 hours

Power: The real time clock maintains the time and date when the instrument is On or in the standby mode, connected to AC mains or running from internal battery for at least ten years from original assembly. The real time clock will maintain time and date even if the instrument's main battery is disconnected.

