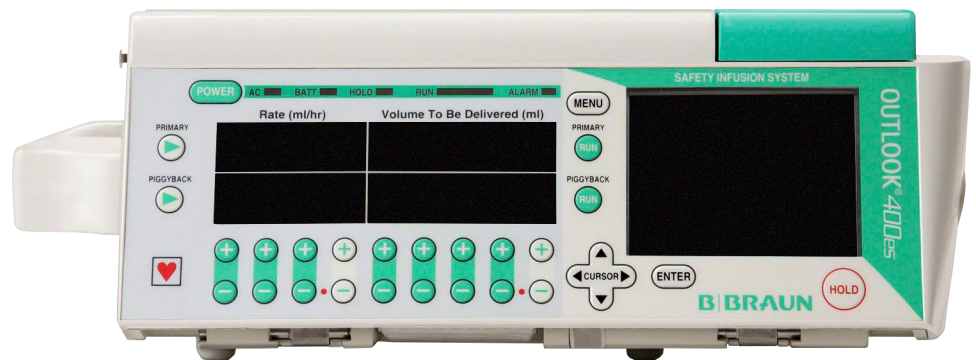




The **B Braun Outlook 400ES** infusion system that offers a unique extendable pump platform that can be upgraded with additional features as the needs of your facility grow. It's used to regulate the flow of primary and secondary fluids when positive pressure is required. The Outlook ES infusion pump offers a way to manually control occlusion limits between 75-500 mmHg, and does offer an extended occlusion setting for epidural infusions up to 750 mmHg. It has audible and visual alarms to indicate KVO (keep vein open), low battery, and other conditions.

## Features

- Capable of delivering fluid from a negative head height.
- User-selectable occlusion limit settings between 75-500 mmHg.
- Epidural infusion capability with an extended occlusion limit setting of 750 mmHg.
- Non-numeric keypad to help reduce programming errors related to zeros and decimals.
- Real-time display of dose and limit values during infusions.
- Daisy chaining allows up to 5 pumps to be plugged into each other with only one needing to be plugged into an outlet.
- Internal rechargeable battery that will power the pump automatically in case of power loss.



## Specifications

### Dimensions (Console)

**Height:** 4.5 in (11.43 cm)

**Width:** 12 in (30.48 cm)

**Depth:** 8.75 in (22.23 cm)

**Weight:** 11 lbs (4.98 kg)

### Infusion System

**Delivery Rate Range:** 0.1 to 999.9 ml/hr, in 0.1 ml/hr increments; Micro Mode: 0.1 to 99.9 ml/hr

**Volume to be Delivered Range:** 0.1 to 9999.9 ml, in 0.1 ml increments

**Occlusion Limit Settings:** 75, 100, 200, 300, 400, 500 and 750 mmHg. Standard default is 300 mmHg.

**Keep Vein Open Rate:** 3.0 ml/hr or selected rate, whichever is lower

**Volume Delivered Accuracy:** + 5%

**Fluid Types:** All standard IV fluids

### Alarms

**Alarms:** Air-In-Line, Battery Very Low, Close Roller Clamp, Container Empty, Downstream Occlusion, Door Open, Hold Time Exceeded, KVO, Low Battery Warning, System Error.

**Air-in-Line Alarm:** > 100 microliter bubble

**Memory:** Permanent data retention after the pump is turned off unless the battery is depleted or disconnected, or unless the Data Retention Defaults have been otherwise selected in the Biomed Options.

### Max Bolus Volume (Microbore Tubing)

0.047 ml at 399 ml/hr (75 mmHg)

0.086 ml at 399 ml/hr (750 mmHg)

0.053 ml at 500 ml/hr (400 mmHg)

0.097 ml at 750 ml/hr (750 mmHg)

