

Horizon Nxt® Modular Infusion System



Working with hundreds of Nurses, Pharmacists, Physicians, and Biomedical Engineers, B. Braun has developed a pump flexible enough to meet today's ever changing IV therapy practices. The Horizon Nxt provides many special modes designed to make programming even the most complex infusions simple.

- Primary and Piggyback Modes
- Dose Mode (dose rate calculator) with customizable drug menus
- q(x)^o Mode for intermittent therapies
- Program Mode for variable delivery regimens
- Profile Mode for TPN and other ramped and tapered infusions
- Set Time and Volume to calculate infusion rate
- Micro Mode for limiting infusion rates of high risk/high concentration drugs

Additionally, the Horizon Nxt also provides safety features such as set-based free-flow protection, infusion site pressure trending, air-trapping cassettes, and a wide range of user-selectable pressure settings.

Because of its flexibility, the Horizon Nxt is ideally suited for a variety of healthcare settings, including hospitals, skilled nursing facilities, and infusion centers.

Description Catalog No.

Horizon Nxt 610-012

Syringe Holder FZ-0030

IR Link FZ-501458

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician.

See Operator's Manual for complete Directions for Use.

Horizon and Horizon Nxt is a registered trademark of B. Braun Medical, Inc.

SPECIFICATIONS

Mechanism	Volumetric, Positive Pressure Displacement Reservoir
Width	31.5 cm (12.4 in)
Height	12.2 cm (4.8 in)
Depth	31.5 cm (12.2 in)
Weight	5.4 kg (11.9 lbs)
Power	90-132 VAC, 30 Watts, 47/63 Hz USA excluding accessories
Grounding Resistance	Meets UL Standard 544
Leakage Current	Meets or exceeds UL Standard 544, Section 27.2 and ANSI/AAMI Safe Current Limits (7/9/85)
Battery	12 V sealed lead-acid battery for ambulatory use
Battery Operating Time	4 hours at 125 ml/hr
Rate Range	0.1 to 999.9 ml/hr in 0.1 increments
Volume to be Infused Range	0.1 to 9999.9 ml
Variable Occlusion Pressure	75, 100, 200, 300, 400, 500, and 750 mmHg
KVO Rate Accuracy	3 ml/hr or selected rate, whichever is lower Volume Delivered 5%
Alarms	Air-in-line, Container Empty, Door Open, Downstream Occlusion, Hold Time Exceeded, Low Battery, Low Flow from Container, System Error, Upstream Occlusion, Set Improperly Loaded Permanent data retention after the pump is turned off unless alternative Data Retention Defaults have been selected in the Biomed Options
Memory	
Tubing	Horizon cassette tubing
Compatible Syringes	3-60 ml any manufacturer Dose Mode with Drug Menu, Primary and Piggyback Modes, Set Time and Volume, Schedule Next Run, Profile Mode for TPN, Program Mode, q(x) ^o Mode, Site Trend, Variable Occlusion Pressure, Micro Mode
Modes/Features	

DOSE MODE WITH DRUG MENU

- Drug name and dose are prominently displayed on screen.
- Unique Drug Menu provides a **custom list of drugs** and their concentrations for each patient care area.
- Miscalculation is avoided because all field entries are confirmed for appropriate data.
- **Medication error opportunity is reduced.**
- Epidural infusions are preset with occlusion and rate limitations.

PATIENT AND CLINICAL SAFETY

- Site Trend assists in tracing pressure events between the Horizon Nxt and the venous site.
- A wide range of user-selectable pressure settings **reduces the risk of infiltration.**
- Integrated free-flow protection prevents inadvertent patient boluses and overdosing.
- **Four needle-free set systems** protect clinicians from needlesticks.

MODULARITY

- Stackable design saves space at the bedside.
- Up to five pumps may be plugged into one another-only one has to plug into the wall outlet.
- Multiple capabilities in one device allow **house-wide standardization.**
- Unused pumps are easily removed and reallocated to other areas of necessity for **full asset utilization.**