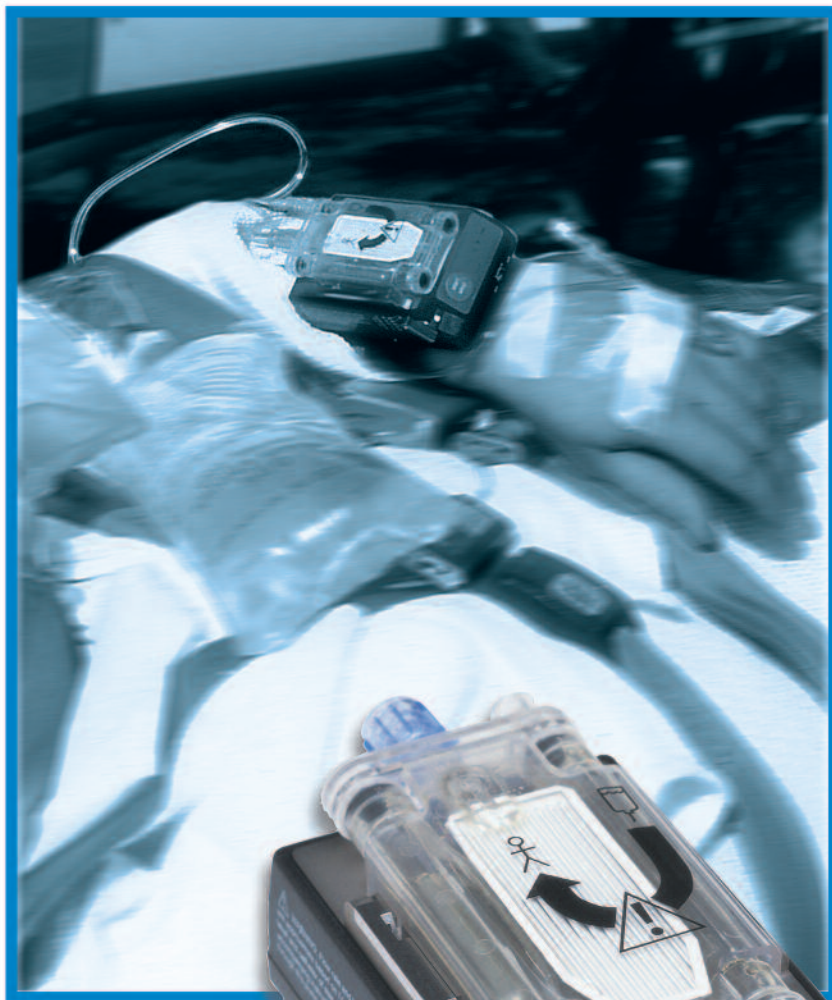


ZOLL Infuser

The Control You Desire, The Durability You Need



A Rugged, Compact Pump for Controlled Delivery of IV Fluids and Blood

ZOLL
Advancing Resuscitation. Today.™

ZOLL INFUSER

The first portable electronic pump designed specifically for fluid resuscitation.

- Infuse an automated 250ml bolus in 2.5 minutes without elevating or pressurizing the IV bag.
- Adjust continuous flow rates from 0.2 to 6 liters per hour.
- Lay the IV bag down to simplify transport; membranes in the crystalloid/colloid cartridge remove air from the line.
- The pump runs for up to eight hours on six AAA batteries.
- Designed to withstand the rigors of the EMS environment; developed for the battlefield in cooperation with the Walter Reed Army Institute of Research.

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Controlled IV Boluses

The ZOLL® Infuser offers an unprecedented level of control over fluid administration to help you adhere to your protocols.

Hands-free Fluid Resuscitation

Automated boluses, air elimination, occlusion detection, one-way valves, long battery life and quick set up combine to give you a helping hand when you need it most.



ZOLL Infuser Model M100B-3A Specifications

Pump

Bolus Setting: 250 ml in 2.5 minutes
Continuous Flow Rate Settings: 0.2, 1, 2, 4 and 6 liters/hr
Accuracy: ±15%
Pump Type: Shuttle mechanism (patent no. 5,577,891)
Free Flow: Allowed if fluid source is above patient
Retrograde Flow: Prevented by valves
Alarms: Air in line (after filter in crystalloid/colloid cartridge), downstream occlusion, low battery
Air Alarm Trigger: Bubble of approximately 20 µl or larger
Occlusion Alarm Trigger: Approximately 20 PSIG (1000 mm Hg)
Power Source: 6 AAA batteries or 12-15 V DC adapter
Typical Battery Life at 6 lph: Approximately 8 hours
Weight of Pump with Batteries: 330 grams
Dimensions: 9.8 x 7.0 x 5.0 cm

NOTE: The above specifications hold under normal operating conditions, defined as: IV bag positions at patient level, IV set and cartridge properly primed and cleared of air bubbles, 18 in long IV tubing (provided) the only segment between pump and peripheral IV catheter of recommended size (18 gauge for saline), compatible fluids used.

Crystalloid and Colloid Cartridge and IV Set

Compatible Fluids: Crystalloid or colloid IV fluids
Incompatible Fluids: Medications, blood products and non-ionic fluids
Priming Volume, Cartridge: 7 ml
Priming Volume, Cartridge and 18 in Segment: 10 ml
Inlet Connector: Female luer
Outlet Connector: Male locking luer
Air Elimination Method: Hydrophilic filter and hydrophobic vent combination
Filter Pore Size: 1.2 microns
Weight: 30 grams
Dimensions: 4.6 x 9.7 x 1.3 cm



Specifications are subject to change without notice. "Advancing Resuscitation. Today." is a trademark of ZOLL Medical Corporation. ZOLL and Power Infuser are registered trademarks of ZOLL Medical Corporation.

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Blood Cartridge and IV Set

Compatible Fluids: Whole blood, RBCs, crystalloid or colloid IV fluids
Incompatible Fluids: Medications and non-ionic fluids
Priming Volume, Cartridge: 7 ml
Priming Volume, Cartridge and 18 in Segment: 10 ml
Inlet Connector: Female luer
Outlet Connector: Male locking luer
Air Elimination Method: None (use IV set with drip chamber and blood screen)
Weight: 30 grams
Dimensions: 4.6 x 9.7 x 1.3 cm

General

Design Standards: Meets or exceeds EN 60601-1, EN60601-1-2, EN 60601-2-24
Options: Clamp for vertical IV poles or horizontal rails, including IV bag holder, AC/DC power adapter.

Environmental

Operating Temperature: 0°C to 49°C
Storage Temperature: -46°C to 71°C
Humidity: 10% to 95%
Vibration: MIL-STD-810F
Electromagnetic Compatibility (EMC): MIL-STD-461E, CISPR 11, Class B
Radiated Immunity: IEC 61000-4-3
Electrostatic Discharge: IEC 61000-4-2
Conducted Susceptibility: IEC 61000-4-6



Approved for use aboard
U.S. Air Force and Army aircraft.
(AC power adapter excluded.)

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