



THE BELMONT[®]

RAPID INFUSER RI-2

Rapid, reliable, bubble-free, and 100% aluminum-free path of life-saving warmed blood and fluid at the touch of a button.

SAVING LIVES. TOGETHER.





MILITARY



OPERATING ROOM



LABOR & DELIVERY
AND PEDIATRICS



EMERGENCY
& CRITICAL CARE

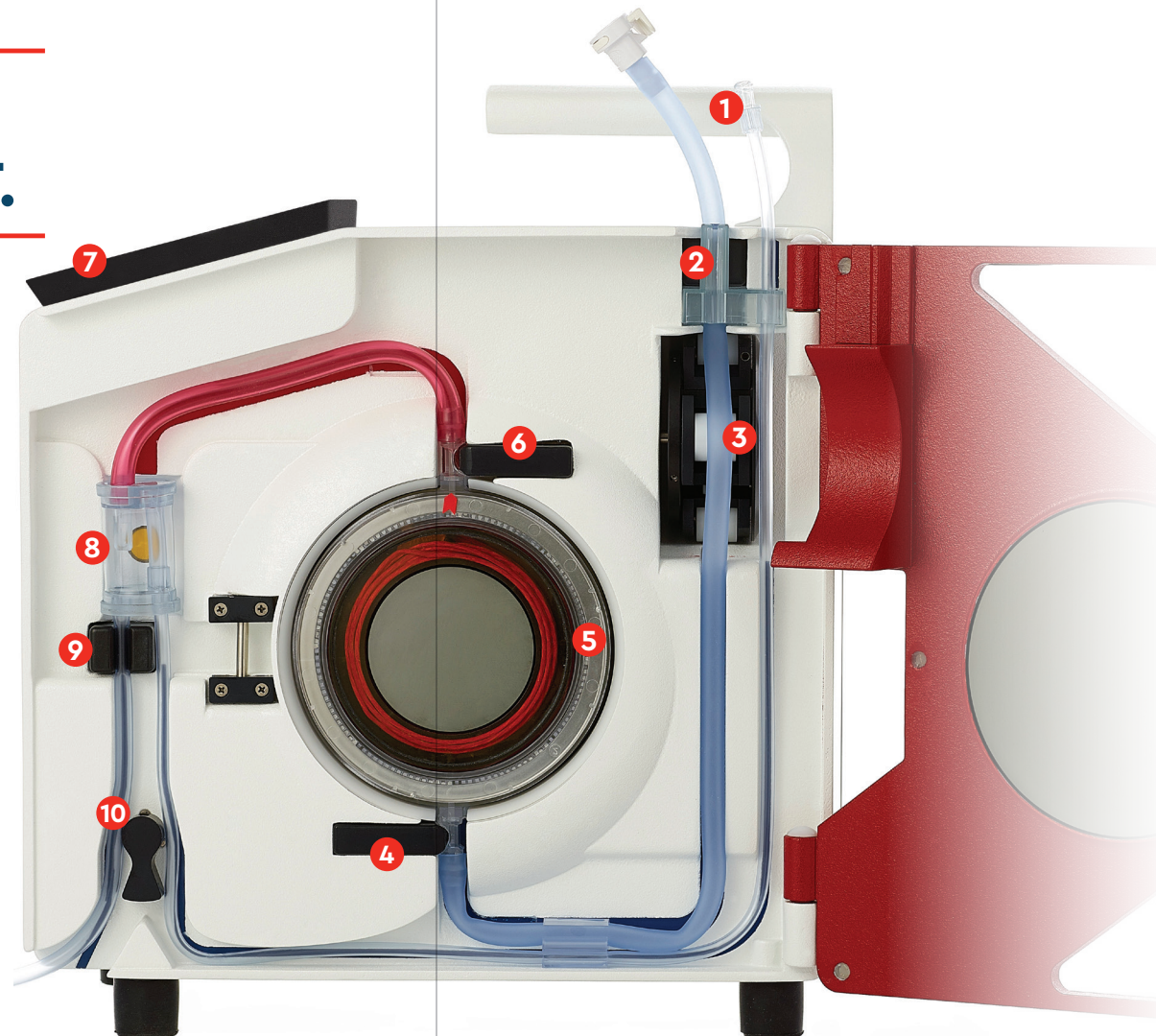
"THE BELMONT" BRINGS CONFIDENCE

Used in the most extreme situations for more than 20 years, The Belmont® Rapid Infuser has earned the trust of clinicians worldwide as the **only rapid infuser offering 100% aluminum-free fluid path** along with high-flow performance* and built-in safety features. The Belmont® was designed with the goal of reducing transfusion related injury, specifically automatic air detection and removal within the internal circuit to help prevent air emboli, and line pressure monitoring to help lower the risk of vessel trauma. Experience peace of mind, knowing you're prepared for the worst but equipped with the best.

BUBBLE-FREE. RELIABLE. FAST.



- 1 Vent/Recirculation Line
- 2 Input Air Detector
- 3 High Speed Peristaltic Pump
- 4 Input Temperature Probe
- 5 Heat Exchanger
- 6 Output Temperature Probe
- 7 Touchscreen Display
- 8 Pressure Sensor/Debubbler
- 9 Output Air Detector
- 10 Infuse/Recirculation Valve



100% ALUMINUM-FREE DISPOSABLES

Medical grade stainless steel heat exchanger eliminates aluminum leaching risk.

AUTOMATIC AIR DETECTION & REMOVAL

Two ultrasonic air detectors and patient safety valve safeguard against air emboli.

AUTOMATIC PRIMING

Fully prime in under 1 minute and easily re-prime without patient disconnection.

HIGH SPEED PERISTALTIC PUMP

Precise control of fluid delivery with flow rates ranging from 2.5 to 1000 mL/min*.

ELECTROMAGNETIC INDUCTIVE HEATING

Dry, inductive heating technology and two infrared temperature sensors provide consistent normothermic fluid within seconds.

ADVANCED PRESSURE REGULATION

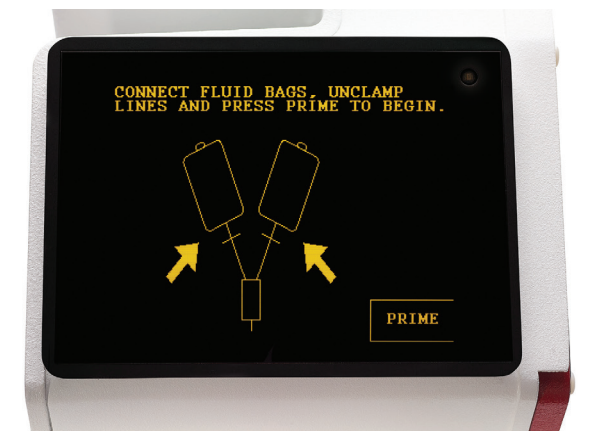
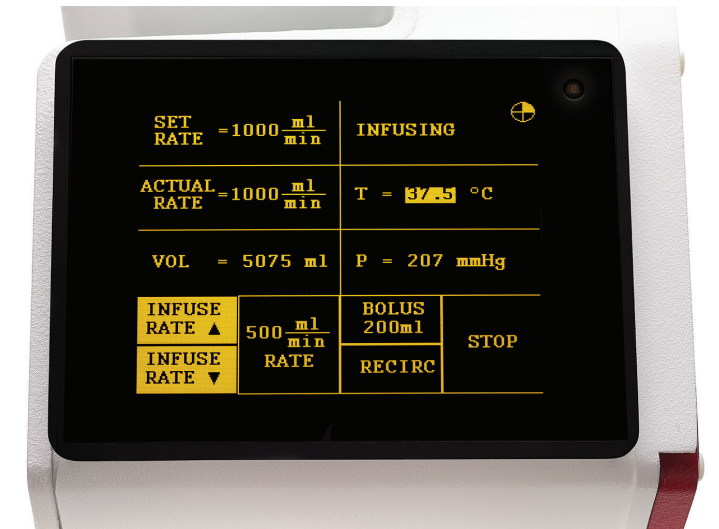
Automatic pressure monitoring and flow rate adjustment when pressure exceeds 300 mmHg.

INTUITIVE TOUCH-SCREEN DISPLAY

High contrast display provides easy to follow on-screen instructions, clear descriptions of alarms and alerts, and quick access to device operations.

REAL-TIME DISPLAY OF:

- Set Rate
- Actual Rate
- Total Volume Infused
- Line Pressure



ORDERING INFORMATION

RAPID INFUSER RI-2, 1000 mL/min

Infusion rate: 2.5-1000 mL/min

- US: Part #903-00037 (120V)
- International: Part #903-00037A (230V)

RAPID INFUSER RI-2, 750 mL/min

Infusion rate: 2.5-750 mL/min

- US: Part #903-00039 (120V)
- International: Part #903-00039A (230V)
- NSN: 6515-01-661-8500 (120V)

3-SPIKE DISPOSABLE SET

Part #903-00006 (12 sets/case)

Part #903-00106 (6 sets/case)

3.0 LITER RESERVOIR (LVR)

Part #903-00018

4X4 LVR & HEAT EXCHANGER SET

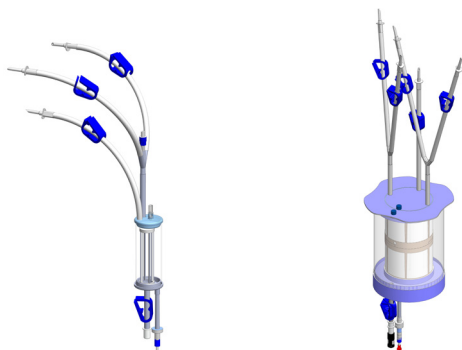
Part #903-00032

PATIENT LINE EXTENSION

Part #903-00022

DUAL PATIENT LINE

Part #903-00004



STANDARD

120 mL Reservoir (3-Spike)

OPTIONAL

3.0 Liter Reservoir (5-Spike)

HARDWARE SPECIFICATIONS

DIMENSIONS

12.4 in x 7.5 in x 12 in

315.0 mm x 190.5 mm x 304.8 mm

WEIGHT

28 lb

12.7 kg

PORTABILITY

Quick-on IV pole mount/handle at top of unit

POWER

115 volt or 220/240 volt AC input

BATTERY

Internal, rechargeable for transport

Operates all functions without heating

FLUID PUMP

Roller type peristaltic pump

Flow rate 2.5-1000 mL/min

HEATER

Maximum applied power, 1440 watts

APPLIED PART TYPE

Type CF

DEFIBRILATION-PROOF

SENSORS

2 air detectors, pressure transducer, 2 temperature probes (infrared sensing), pump infusion rate sensor, open door detector, and valve activation sensors

CONTROL COMPUTER

Built-in, controls all functions

Redundant hardware override protection in case of computer failure

DISPLAY

LCD type with waterproof touch pad

• External Dimensions

5.85 in x 4.12 in

148.1 mm x 104.7 mm

• Active Area

4.53 in x 3.40 in

115.1 mm x 86.3 mm

ALL DISPOSABLES ARE 100% ALUMINUM-FREE

For more information about the products we offer, contact us at sales@belmontmedtech.com.



PATIENT WARMING



TEMPERATURE MANAGEMENT



FLUID MANAGEMENT



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WORLDWIDE: +1 978.663.0212

WWW.BELMONTMEDTECH.COM



The Belmont® Rapid Infuser RI-2 has been evaluated with respect to electrical shock, fire and mechanical hazards in accordance with applicable standards.

Belmont Instrument LLC
Registered to ISO 13485

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Known risks associated with rapid infusion of warmed fluids include failure to heat, overheating the fluid, blood product leaks, back-flow to the patient, and venous air embolism.