



Infusion Therapy
Made Easy

Easypump® ST/LT

Elastomeric Infusion Pump System
for Short-Term and Long-Term Infusions

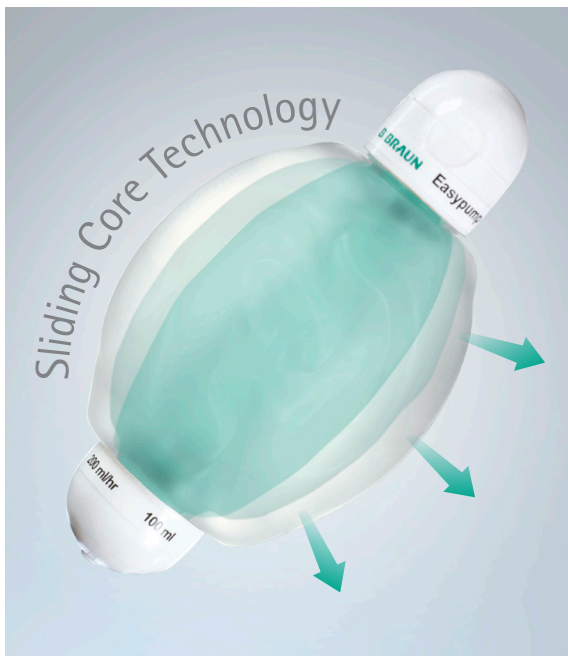
Benefits for Patients



Staying mobile

- Small, light-weight design makes pump easy to transport in a discreet carry pouch
- No batteries, power cords or IV poles required
- Designed for increased mobility
- Fixed flow rate design requires no programming or drop counting
- Easypump® ST/LT Elastomeric Infusion Pump is single-use only and designed to be safely disconnected and discarded
- Components are not made with natural rubber latex or DEHP

Patented Design



Easypump® ST/LT are designed to give clinicians and nurses the option to deliver pre-determined amounts of medication to the patient in continuous and accurate manner, either in the hospital or at home.

Easypump ST/LT features a patented "Sliding Core" designed to help ensure the pump reservoir is filled and contracts in a consistent, concentric manner. Medication is delivered to the patient by positive pressure applied by the elastomeric membrane. The flow rate is determined by the combination of the flow regulation device (flow restrictor) and the positive pressure of the elastomeric membrane. This pressure delivers the solution against the back-pressure of the vascular access device and blood pressure in the vein. Back-pressure affects the flow rate.

U.S. Patent #8,523,815 B2

Benefits for Pharmacy



Increasing Efficiencies

- Silicone elastomer designed for easy filling
- Transparent balloon construction to help facilitate easier inspection for particulates
- Color coding for flow rate identification
- Air elimination filter and particulate filter
- Comprehensive chemical drug stability data
- No programming or rate changing necessary
- No batteries or electronic devices required
- Versatile use for:
 - Antibiotic therapy
 - Chemotherapy
- Components are not made with natural rubber latex or DEHP

Benefits for Nursing



Patient Satisfaction

- Designed for ease of use
- Color coding for flow rate identification
- No programming required
- "Sliding Core" technology designed for consistent, concentric balloon contraction
- Single-use system designed for clean and easy handling
- No batteries or electronic devices required
- Unique Comfort Cap design helps protect filling port
- Components are not made with natural rubber or DEHP

**Easypump® ST/LT Elastomeric Infusion Pump
delivers the benefits you require.**

Construction and Features



Easypump® ST/LT Elastomeric Infusion Pump

- 1 Comfort Cap
- 2 Filling Port Cap
- 3 Reservoir: containing drug
- 4 Clamp: to start and stop infusion
- 5 Filter: to eliminate air (.22 microns) and particles (1.2 microns)
- 6 Flow Restrictor
- 7 Patient End Cap

Important facts

Temperature dependency: Easypump® is designed to work at room temperature 23°C +/- 2°C (73°F +/- 3.6°F). For every 1°C above or below this temperature, the flow rate will increase or decrease by approximately 2.5%. The flow restrictor is calibrated to work at 31°C (88°F). To maintain a stable flow rate the flow restrictor should be in close contact to the patient's skin at all times. An increase in temperature results in an increase in flow rate. A decrease in temperature results in a decrease in flow rate.

- **Nominal Flow Rates:** When filled to nominal volume, the flow accuracy is ±15% of the labeled flow rate.
- **Storage:** Easypump ST/LT may be refrigerated or stored in a freezer. Before usage, make sure the pump is warmed to room temperature.
- **Underfilling/overfilling:** The flow rate is most accurate when filled to the labeled volume. Avoid exceeding the maximum or minimum fill volume as noted in the product IFU.
- **Diluent dependency:** Easypump ST/LT flow rates are calculated using 0.9 % NaCl (normal saline). Using 5% dextrose (D5W) as diluent or the addition of any drug of a higher viscosity than normal saline will increase delivery time (e.g. by 10% in the case of D5W).
- **External pressure:** Squeezing or laying on the pump increases the flow rate.

Easy, Consistent Filling



1 Flip open Comfort Cap (1). **Use aseptic technique; always follow USP<797> guidelines.**



2 Remove Filling Port Cap and place on sterile surface (2). Close Clamp (3).



4 Attach Luer Lock Syringe (or other filling device) to Filling Port (4).



5 Inject 3-4cc normal saline to prime the line (5). For pumps with a nominal fill volume >250 ml, inject 10cc to prime the line.



6 Remove distal Patient End Cap (6). Release Clamp to purge line of all air (7).



8 Prime until a drop is observed at distal end of line. After priming, re-clamp line (8) and reattach Patient End Cap (9).



10 Disconnect syringe used for filling and attach syringe (or other filling device) with drug to Filling Port. Inject drug into pump and repeat until required drug volume is achieved (10). Invert pump and use both hands on syringe as shown above. Do not push down on pump while filling, as syringe tip may break.



11 When filling is complete, remove syringe and reattach Filling Port Cap and close Comfort Cap (11).

The Easypump ST/LT is now ready to be connected to patient's vascular access device. Store in intermediary transport bag if connection is not to be made immediately.

Refer to product labeling for complete instructions for use.

Product Specifications and Ordering Information

Description	Nominal filling volume	Nominal flow rate	Nominal infusion time	Code No. (REF)	Pumps per case
Easypump LT 125-25-S	125 mL	5 mL/h	25 h	4540006-02	10
Easypump LT 270-27-S	270 mL	10 mL/h	27 h	4540008-02	10
Easypump LT 270-54-S	270 mL	5 mL/h	54 h	4540018-02	10
Easypump ST 100-0.5-S	100 mL	200 mL/h	0.5 h	4540040-02	10
Easypump ST 250-0.5-S	250 mL	500 mL/h	0.5 h	4540042-02	10
Easypump ST 50-1-S	50 mL	50 mL/h	1 h	4540044-02	10
Easypump ST 100-1-S	100 mL	100 mL/h	1 h	4540046-02	10
Easypump ST 250-1-S	250 mL	250 mL/h	1 h	4540048-02	10
Easypump ST 250-1.5-S	250 mL	175 mL/h	1.5 h	4540050-02	10
Easypump ST 400-2-S	400 mL	200 mL/h	2 h	4540052-02	10
Easypump ST 500-2-S	500 mL	250 mL/h	2 h	4540054-02	10
Easypump ST 100-2-S	100 mL	50 mL/h	2 h	4540056-02	10
Easypump ST 400-4-S	400 mL	100 mL/h	4 h	4540058-02	10
Carry Pouch - Small	For 50mL to 270mL Volume Pumps			4434446-02	50
Carry Pouch - Large	For 300mL and large Volume Pumps			4434454-02	50
Carry Pouch, Insulated	Insulated coating designed for temperature control, fits all pump sizes			4438102-02	50

Clear differentiation between long-term and short-term Easypumps through color and shape of sticker.

ST						
LT						

To order call 1-800-227-2862 | www.bbraunusa.com
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