

MicroFuse® Dual Rate Syringe Infuser

The Baxa MicroFuse Infuser offers a number of benefits for intermittent drug delivery. Syringe infusion is simple and easy to implement – requiring less nursing intervention – at significantly lower cost than minibags and IV pumps.

Safe

- Automatic syringe size sensing prevents false occlusion alarms
- Audible alarms indicate rate changes, occlusion detection, end of infusion, and low battery
- No runaway intermittent IV doses

Versatile

- Accepts syringe sizes from 5 to 140 mL
- Proven accuracy with all major syringe brands
- Syringes require less storage space than minibags

Cost Effective

- Uses inexpensive generic, bulk drugs, syringes, and disposables
- Standard drug concentrations facilitate dose recycling and minimize drug waste
- Operates on only two “C” batteries vs. four on competitive units
- Batch compounding removes the peaks and valleys of dose preparation
- Training video provides convenient inservicing

Easy-to-Use

- Spike-free luer lock connection
- Tubing flushes required only between incompatible drugs
- Fast priming with no need to calculate, set, or time drip rates
- Pleasant alarm tone provides a contrast to the loud buzz of other infusers and equipment

Reliable

- Requires no preventive maintenance
- Internal self-check signals if the unit is malfunctioning
- Operates for 10 hours after low battery warning, vs. 4 hours on competitive units
- Syringe driver arm disengages when not in use to minimize breakage and to prevent bolus drug delivery after an occlusion is corrected

Efficient

- Microbore tubing does not kink and alter flow rates
- Consistent flow rates within $\pm 3\%$
- Uniform delivery reduces phlebitis rates
- Dose times pre-determined by pharmacy preparation procedures
- Consistent therapeutic outcomes with fewer adverse drug reactions

Features

Benefits



MicroFuse® Syringe Infuser

MicroFuse infusers are designed for intermittent, small-volume administration of antibiotics and other medications at a controlled rate. Using standard (5 to 140 mL) syringes, MicroFuse Infusers provide a simple and cost-effective alternative to proprietary vials, minibags, and IV push dosing for intermittent drug therapies.

Common Drugs for Intermittent Infusion in MicroFuse Syringe Infusers

— amikacin	— cefotaxime	— clindamycin	— mezlocillin
— aminophylline	— cefotetan	— dolasetron	— ondansetron
— ampicillin	— cefoxitin	— ethacrynate	— oxacillin
— ampicillin/sulbactam	— ceftazidime	— famotidine	— penicillin G (K or Na)
— aztreonam	— ceftazidime L-arginine	— fosphenytoin	— phenytoin
— cefamandole	— ceftizoxime	— furosemide	— piperacillin
— cefazolin	— ceftriaxone	— gentamicin	— piperacillin/tazobactam
— cefepime	— cefuroxime	— granisetron	— ranitidine
— cefmetazole	— cephalothin	— methicillin	— ticarcillin
— cefonicid	— chloramphenicol	— methyldopate	— ticarcillin/clavulante
— cefoperazone	— cimetidine	— metoclopramide	— tobramycin

Common Drugs for Intermittent Infusion in Minibags

— acyclovir	— co-trimoxazole	— ganciclovir	— miconazole
— alatrofloxacin	— doxycycline	— imipenem-cilastatin	— nafcillin+
— amphotericin B	— erythromycin+	— levofloxacin	— ofloxacin
— azithromycin	— fluconazole	— metronidazole	— tetracycline
— ciprofloxacin	— foscarnet	— meropenem	— vancomycin+

*Drug can be used in syringe infuser on slow infuse if patient has a central line.

Complete System Available from Baxa for:

Reconstitution, Collection, Syringe Filling and Labeling

Baxa offers a full line of accessories for batch syringe preparation. Complete reference materials cover guidelines, procedures and documentation for successful implementation.

— Repeater™ Pump for fast fluid transfer	— Collection Bags for inexpensive pooling and batching
— IV Admixture Vents, Needles and Filters	— Syringe Tip Caps for efficient sealing and storage
— Luer Connectors for quick and easy filling	— Syringe Labeling Systems for safe & easy identification

Specialized MicroFuse Dual Rate Infusers Available

- Flow rates can be factory preset to individual customer specifications
- Eliminate expensive ambulatory infusion pumps, and dedicated tubing and cassettes for specific drug therapy applications

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