

Medfusion 3500

Syringe Pump

Equipment for the way *you* operate



 Certified Refurbished

Intuitive syringe pump enhances safety while maintaining simplicity.

For more than 15 years, the Medfusion Syringe Pump platform has been a technology leader in syringe pumps, with innovations in syringe recognition, drug libraries and dose limits. The Medfusion 3500 provides support for up to 16 different profiles or care areas, allowing for the safe use of the Medfusion Syringe Pump in almost any department within your medical facility. As defined by ISMP and other safety agencies, the Medfusion Syringe Pump and PharmGuard Medication Safety Software is truly a “smart” pump system.

Programmable dose limits.

Rapid occlusion detection.

Post-occlusion bolus reduction.

Connectivity with patient data management systems.

- » *FlowSentry™: Enhanced pressure trending for earlier detection of occlusion.*
- » *Extensive delivery mode combinations including ml/hr., body weight, mass, volume over time, custom dilution and intermittent, loading dose, bolus dose, standby, volume limit and KVO rate.*
- » *Syringe sizes: Accepts seven different manufactures' syringe types and all manufactures' syringe administration sets.*
- » *+/- 2% instrument accuracy:
Automatic syringe size detection.*
- » *Ergonomic, easy-to-use, horizontal design protects entire syringe barrel and allows single-handed loading.*
- » *MRI indicated: For use outside the 150 Gauss line and with shielded magnets of field strength of 1.5 Tesla or less.*
- » *Mounts easily to an IV pole, an infant's isolette or radiant warmer. Pole clamp allows for rotation to accommodate various pole and vast orientations.*
- » *Bio-Med mode to set PM dates, view service history, and for access to calibration and diagnostic testing.*
- » *Internal battery capacity of 10 hours at 5.0 mL/hr. with 60 ml syringe.*
- » *Wide-ranging flow rates and the capacity to infuse at low rates with larger syringes.*

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Technical Specifications

- » **Dimensions:** 10.5" wide x 5.1" high x 5.5" deep (27 x 13 x 14 cm)
- » **Weight (pump only):** 3.8 lbs. (1.7 kg)
- » **Accuracy:** Nominal $\pm 2\%$ excluding syringe variations
- » **Flow Rate Range:** Dependent upon syringe size 0.01 ml/hr. to 130 ml/hr.
- » **Delivery Modes:** ml/hr.; Body weight; Mass; Volume over time; Custom Dilution; Intermittent
- » **Delivery Options:** 13 options include Loading Dose, Bolus Dose, Standby, Volume Limit and KVO Rate
- » **Power Sources:** 100 to 240 VAC, 50/60 Hz, 30VA; Internal Rechargeable Battery; Optional External DC Input 6 to 14 VDC, 7 Watts; Safety Class II - Type CF
- » **Internal Battery Capacity:** At 25° C, 10 hours at 5.0 ml/hr. with 60 ml syringe (from fully charged battery)
- » **User-Defined Delivery Libraries:** Four libraries with 16 profiles per library; one library is "E-Plates" for optional rapid setup
- » **MRI Tested:** May be used in MRI rooms with static magnetic fields up to 150 gauss and with shielded magnets of field strength of 1.5 Tesla or less

"Smart" Programmable Safety Limits and Recordable Events.

The Medfusion 3500 Syringe Pump with ParmGuard medication Safety Software encourages simultaneous programmable hard and soft limits for dose, rate, weight, time and all modes of delivery (e.g., continuous, bolus and beginning loading doses). When exceeded, these safety limits alert the clinician and provide an electronic record of the event, which is then compiled in PharmGuard's state-of-the-art reports.

"Intelligent" Pressure Monitoring.

Experience breakthrough rapid occlusion detection technology with FlowSentry, a comprehensive array of pressure-related safety features. These include our most rapid alarm response time (less than five minutes at 1.0ml/hr with a 60cc syringe) and reduced false alarms. An enhanced graphic display of pressure trend allows earlier opportunities for clinical intervention, and a post-occlusion bolus reduction feature decreases post-occlusion bolus to less than 0.3 ml. All this without the use of expensive dedicated disposable sets.

Ergonomic and Accessible.

A horizontal design protects the entire syringe barrel and allows effortless, single-handed loading of all syringe sizes. The large, bright screen with adjustable backlighting complements an intuitive hardware interface. Included is an innovative rotating pole mounted clamp to allow for flexibility in the orientation of your preference.

Communications Enabled.

The Medfusion 3500 Syringe Pump imports and exports data as an integrated part of any patient data management system. An available communication accessory will allow the pump to communicate in multiple modes, including IR and RSs232. These protocols may be adapted and customized to interface with your environment.