



The **Medfusion 3500** is a syringe pump that delivers medication to patients in a variety of different sized syringes from 1 mL to 60mL. It features 2 sensors that are used to verify that infusion proceeds at the programmed rate. The Medfusion Syringe infusion system allows for an accurate volume of medication or nutrition to be administered to the patient. The 3500 Syringe can be used in both ICU and Operating rooms and on patients ranging from Adults, pediatric and neonatal. The Medfusion syringe pump is easy to use and can automatically detect various syringe types and sizes and is compatible with most current syringe models from many major manufactures.

Features

- Variable flow rates as low as 0.01 mL/hr up to 1130 mL/hr
- Offers a low flow capacity with small and larger syringes
- Compatible with syringe brands such as: BD, B. Braun, Monoject, Terumo, Baxa, Neomed and Philips
- Can connect with a Patient Data Management system
- MRI Compatible
- Programable dose limits on the Medfusion infusion pump
- Rapid Occusion Detection
- Post-Occusion Bolus Reduction capabilities





Features

- **Smart Programmable Safety Limits and Recordable Events**
The Medfusion 3500 Syringe Pump with PharmGuard 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 0.3ml. 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 RS232. These protocols may be adapted and customized to interface with your environment. Future upgrades to the current Medfusion platform will be addressing the hospital's desire to integrate bar coding (on-board and network based) in both wireless and wired networks. These enhanced capabilities improve the efficiency and effectiveness of the transmission of information throughout the facility and at the bedside.

Specifications

Dimensions

Width: 10.5" (27cm)
Height: 5.1" (13cm)
Depth: 5.5" (14cm)
Weight: 3.8 lbs (Pump only); 1.7 kg

Accuracy

Nominal $\pm 2\%$ excluding syringe variations

Flow Rate Range

Dependent upon syringe size 0.01 ml/hr to 1130 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 with fully charged battery

User-Defined Deliver 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

