

# Medfusion® 3500 V6 Syringe Pump

Safe, accurate and mobile  
for emergency patient transfer



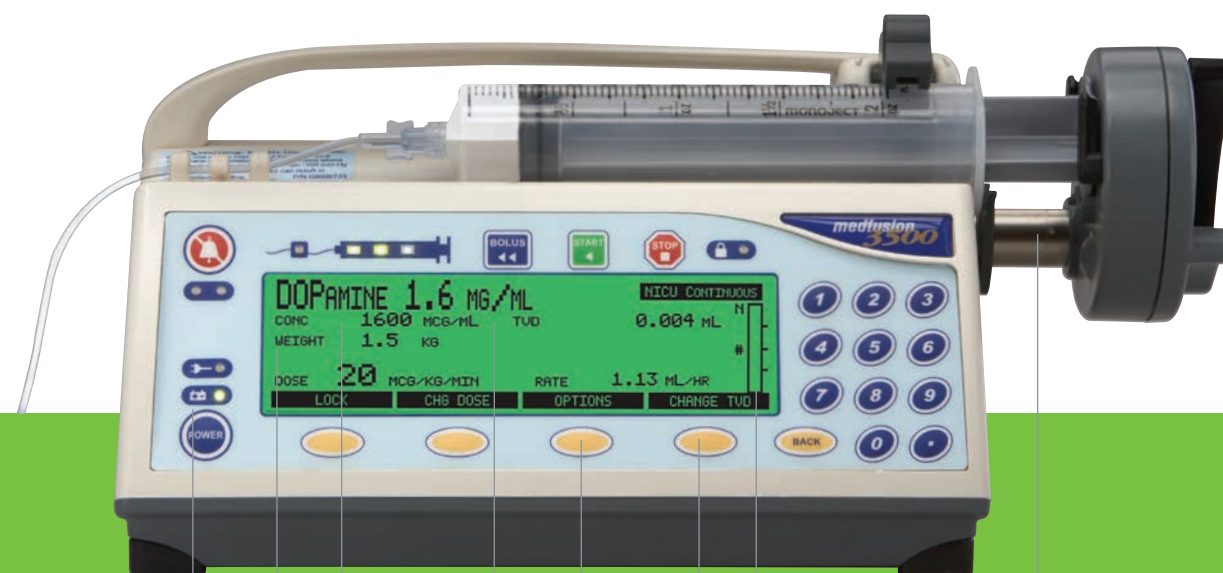
*Every patient deserves to be safe*





*Highly accurate medication delivery*

Compatible syringe brands: BD / B. Braun / Monoject / Terumo / Baxa / Vygon / NeoMed / Philips / Ameritus



*Every patient deserves individual care*

Because you care so much for so many, you want a reliable medication delivery system that helps confirm your critical decisions by thinking with you about infusion accuracy and safety.

You want the Medfusion® 3500 V6 syringe infusion pump

### The Accuracy of Low Flow Dynamics

Patented low flow fluid dynamics enable the Medfusion® 3500 V6 pump to deliver highly accurate volumes of medication over a broad range of flow rates. The system recognizes and adapts to the flow characteristics of many of the most popular IV and enteral syringes.

- Low flow capacity even with larger syringes
- Variable flow rates (0.01mL/hr—1130mL/hr)
- +/- 2% delivery accuracy

### The Safety of a Medication Library

Manage your custom medication library with PharmGuard® Toolbox 2 medication safety software. Configure care areas and drug protocols to your emergency care strategies and workflow.

- Dose error reduction system (DERs) helps reduce pump programming errors and associated adverse drug events
- Standardized dosing units and customizable alerts help eliminate work-arounds

Battery capacity of 10 hours fully charged (infusing at 5.0mL/hr with 60mL syringe, 25°C)

Wide screen allows up to 30 characters for each drug name to help reduce the need for abbreviations

Loading and bolus dose therapies

FlowSentry™ rapid occlusion detection continuously monitors pressure trending

Alarm volume, times, and type

Horizontal syringe plunger for easy loading, unloading and barrel protection

Weight, volume, and occlusion programmable limits

'Tall Man' lettering for clear display and easy reading

*Every patient deserves a Medfusion® system*

### Service and Support

The Smiths Medical Service and Repair team will be responsive to your technical needs, including troubleshooting, preventive maintenance and warranty coverage. Clinical and technical support is available 24 hours a day, 7 days a week.

# Medfusion® 3500 V6 Syringe Pump

## Order Information

Description	Item Number
<b>Infusion Pump</b>	
Medfusion® 3500 syringe infusion pump with V6 software	3500-0600-01
Medfusion® 3500 syringe infusion pump with V6 software - refurbished	3500-0600-82
<b>Software</b>	
PharmGuard® Toolbox 2 v3 software (CD)	22-4075-0300-51
<b>Accessories</b>	
Lockbox for use with Medfusion® 3500 pumps	22-1000-51
Rotating pole clamp (45 and 90 degree)	22-1050-51
Rotating pole clamp (90 degree)	3000RPC
Medfusion® 3000 pump serial conversion box and cable	3000RS232
Cloning block	G6000200

## Specifications

### Infusion Pump

Accuracy	+/- 2%
Size (Height x Width x Depth)	5.1" (13 cm) x 10.5" (27 cm) x 5.5" (14 cm)
Weight	3.8 lb (1.7 kg)
Moisture Protection or Fluid Resistant	IPX3 fluid ingress protection
Operating Temperature	41° - 104° F (5° - 40° C)
Relative Humidity	20 - 95% non-condensing
Ambient Pressure	10.2 psia - 15.4 psia (70 kPa - 106 kPa)
MRI Compatibility	Rated MR conditional in accordance with ASTM International
Electromagnetic Compatibility	Tested to EMI/EMC testing per IEC 60601-2-24
Durability (drop height sustainable)	The pump maintains its mechanical integrity and continues to operate within specification after being tested per IEC 60601-1 clause 21.6
Delivery Rate Range (mL/hr)	0.01 - 1130 mL/hr
Minimum Infusion Increment (mL/hr)	0.01 mL/hr
Priming Delivery Rate	300 mL/hr or the default maximum bolus rate for the syringe size being used, whichever is less
Screen Visibility	Excellent visibility. 240 x 64 pixel liquid crystal display. An always-on LED-driven backlight enhances viewing in low light areas
Delivery Modes	Delivery modes are user customizable. Available modes are: mL/hr, dose/min, dose/hr, dose/day, dose/kg/min, dose/kg/hr, dose/kg/day, dose/m2/min, dose/m2/hr, dose/m2/day, mL/kg/min, mL/kg/hr, dose/kg/time, dose/m2/time, mL/kg/time, volume/time, dose/time, intermittent volume/time
Indications / Delivery Routes	Arterial, epidural, enteral, intravenous, intrathecal, and subcutaneous
Dosing Units	Grams, milligrams, micrograms, nanograms, units, milliunits, milliequivalents, and millimoles
Power	Class II - Type CF, 110 - 240 VAC, 50/60Hz, 30 VA or rechargeable 2.3 Ahr nickel metal hydride battery
Battery Operating Time	10 hours at 5 mL/hr with 60 mL syringe and a fully charged battery
Recovery Time to Full Battery Charge	10 hours
Compatible Syringes	1 mL - 60 mL syringes by Becton Dickinson WWD, Covidien Monoject™, Terumo®, B.Braun Perfusor®, B.Braun Omnifix®, NeoMed®, Baxa NeoThrive®, Vygon® C-Gon, Ameritus® and Philips Children's Medical Ventures
Syringe Security	Optional Lockbox available
Equipment Warranty	One year factory warranty with a warranty extension available
Preventative Maintenance (PM)	Annual PM recommended. PM date specified within the PharmGuard® Toolbox 2 software

**standard configuration = volume/time**

**To learn more, visit [www.smiths-medical.com](http://www.smiths-medical.com)  
contact your Smiths Medical representative, or call 1-800-258-5361**

The Medfusion® 3500 Syringe pump complies with the vibration requirements included in **Standard IEC 60601-2-24 (clause 21.1) Mechanical strength for the safety of portable infusion pumps and controllers**

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**Smiths Medical ASD, Inc.**  
St. Paul, MN 55112, USA  
Phone: 1-614-210-7300  
Toll-Free USA: 1-800-258-5361  
[www.smiths-medical.com](http://www.smiths-medical.com)

Find your local contact information at [www.smiths-medical.com/customer-support](http://www.smiths-medical.com/customer-support)

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