

PharmGuard® Medication Safety Software



PharmGuard® medication safety software allows you to customize Medfusion™ 3500 syringe pumps to your facility's needs. The new Version 5 introduces several key enhancements:

- Flush mode added to the end of intermittent infusions
- Additional body weight continuous infusion modes
- Hard and soft limits for time functions
- Option to require a passcode to enter a profile
- Integrates history and safety data files
- Ability to download syringes



Guarding your patients' safety

PharmGuard® Medication Safety Software

for use with Medfusion™ 3500 pump

PharmGuard® Medication Safety Software Features	v3.0.6	v4.1.5	v5.0
Optional override near empty	Yes	Yes	Yes
Optional override empty	Yes	Yes	Yes
Automatic post occlusion bolus reduction	Yes	Yes	Yes
Large font for drug name, dose and rate	Yes	Yes	Yes
Ability to have blank fields for numeric data	Yes	Yes	Yes
Ability to use tall man lettering	Yes	Yes	Yes
Optional hospital security pass code	Yes	Yes	Yes
Available delivery modes	17	112	112
Rapid occlusion detection – FlowSentry™	Yes	Yes	Yes
Available profiles (area specific custom configurations)	1	16	16
Number of drug categories per profile	4	8	8
Number of drug entries per category	16	36	36
Number of available libraries *	64	4,608	4,608
Soft limits for weight per profile	---	Yes	Yes
Hard or soft limits on rate	---	Yes	Yes
Soft limits for body surface mode per profile	---	Yes	Yes
Soft and hard limits on dose	---	Yes	Yes
Hard maximum limits on bolus rates	---	Yes	Yes
Audio and visual alerts for outside the PharmGuard® limit	---	Yes	Yes
Option to disable bolus on any library entry	---	Yes	Yes
User ID screen	---	Yes	Yes
Fixed concentration for safety	---	Yes	Yes
Optional confirmation safety prompts	---	Yes	Yes
Optional drug advisories	---	Yes	Yes
Number of drug ID characters displayed during infusion	15	30	30
Supports downloading of syringe configuration data without requiring firmware upgrade	---	---	Yes
Additional body weight continuous infusion modes – ML/KG/Time, ML/KG/Hr and ML/KG/Min	---	---	Yes
Flush mode at end of intermittent infusion	---	---	Yes
Provides option to require confirmation of total loading/bolus dose	---	---	Yes
Loading dose time limit lengthened to 12 hours	---	---	Yes
Hard and soft limits for time functions	---	---	Yes
Option by profile to enter bolus and loading times by minutes only	---	---	Yes
Option to require passcode to enter a profile	---	---	Yes
Records hard limit events and subsequent programming	---	---	Yes
PharmGuard® Toolbox Software Features	v1.3.1543	v1.5	
Drug library manager	---	Yes	Yes
Repository data	---	Yes	Yes
Configuration and drug reports	---	Yes	Yes
Ability for hospital to set up and update configuration information	---	Yes	Yes
Event reports	---	Yes	Yes
PharmGuard® events and alarm reports	---	Yes	Yes
Ability to format custom reports	---	Yes	Yes
Integrates History and safety data files from pump and software	---	---	Yes
Provides option for daylight saving mode	---	---	Yes
Adds requirement for a biomed passcode to re-enable pump after certain system faults	---	---	Yes
Other Features			
MRI-tested – see pump Operation Manual for specific criteria	Yes	Yes	Yes
ECMO-tested – see pump Operation Manual for specific criteria	Yes	Yes	Yes

* Depending on available memory

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Smiths Medical MD, Inc.

St. Paul, MN 55112, USA

Phone: 1-800-426-2448

www.smiths-medical.com

Smiths Medical, part of the global technology business Smiths Group

Customer and Clinical Services 1-800-426-2448

www.smiths-medical.com

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