

smiths medical
graseby™



Graseby™ 1200 Infusion pump

Affordable quality from a name you can trust



GRASEBY™ 1200 INFUSION PUMP

Widely used in Intensive Care Units (ICUs), Operating Rooms (OR) and general wards around the world, Graseby™ infusion pumps have long been acknowledged and trusted by clinical professionals for over 30 years.

GRASEBY™
1200 INFUSION
PUMP PROVIDES
CLINICIANS WITH
QUALITY AND
RELIABILITY AT A
REASONABLE COST



RS232 Communication Interface

STANDARD RS232 INTERFACE

The pump has a standard RS232 interface for bi-directional communication.

RS232 Communication Interface



Graseby™ 1200 Infusion Pump

EASY TO USE

- Option to use 9 different brands of infusions sets which includes 5 frequently used brands that have been pre-calibrated
- Direct rate input or automatic calculation of delivery rate based on volume and time setting
- Infusion set loading guidelines displayed on the top of the pump
- Removable pump mechanism that is easy to clean
- Light weight

SAFETY

- Post occlusion bolus reduction
- Ultrasonic air sensor detects and alerts the patient and clinician if air is present in infusion set
- Built-in features to prevent free flow of drugs

RELIABILITY

- Infusion accuracy of $\pm 5\%$
- Built-in rechargeable Lithium Ion battery

PRE-CALIBRATED FOR 5 BRANDS OF INFUSION SETS

1. B.Braun
2. Lifeline
3. Romsons
4. Polymed
5. JMS

Set-up Two Infusion Programs at a Time

1	Rate	000 mL/h
	Volume	0 mL
2	Rate	0 mL/h
	Volume	0 mL OK

B.Br. Time	01 hr 30	
Volume	900.0mL	
1 Rate	600mL/h	
Total	0.0mL M	

Clinicians can set-up two infusion programs at a time. Once the first phase is completed, the pump will switch to the second phase automatically.

- Easy-to-use workflow
- Saves clinician's time



TECHNICAL FEATURES AND PARAMETERS



Graseby™ 1200 Infusion Pump

Infusion Rate	1 mL/h to 1200 mL/h
Flow Accuracy	±5% (accuracy of qualified infusion set after calibration)
Priming / Bolus Dosage Rate	1000 mL/h
Infusion Volume	1 mL to 9999 mL
Accumulative Volume	0 mL to 9999 mL (0.1 mL increment)
History Records	Up to 1500 records
Occlusion Alarm Threshold	High: 107.1 kPa to 174.8 kPa Middle: 54.1 kPa to 110.2 kPa Low: 2 kPa to 45.1 kPa
Ultrasonic Bubble Detector Sensitivity	≥25 µL
KVO Rate	0 mL/h to 5 mL/h (adjustable, 1 mL/h increment)
Power Supply	AC 110-230 V~ 50-60 Hz; Built-in battery: DC12V rechargeable lithium iron phosphate battery can allow the pump to operate at the infusion rate of 25 mL/h (middle infusion rate specified in EN60601-2-24: 2015) for over 5.5h, after it is charged for 16 hours.
Dimensions	282 mm (L) × 170 mm (W) × 120 mm (H)
Weight	2 kg (include I.V clamp, customizable)
Infusion Set	Compatible with 9 different brand of disposable infusion sets (5 brands pre-calibrated by the factory, see Table 1). It is recommended that the users calibrate any brand not listed before using for the first time.

Table 1

Serial Number	Brand / Manufacturer
-01-	B.Braun (B.Br.)
-02-	Lifeline (Lif.)
-03-	Romsons (Rom.)
-04-	Polymed (Pol.)
-05-	JMS

ORDERING INFORMATION

Graseby™ 1200 Infusion Pump

Product	Language	Voltage	Power Cord
08D3X100	English	110 - 230	IN Std (Plug based on BS 546)
08D3W100	English	110 - 230	EU Std (CEE7/7 Schuko)
08D3H100	English	110 - 230	IL Std (SI-32)
08D3V100	English	110 - 230	IT Std (CEI 23-16/VII Plug)
08D3Y100	English	110 - 230	GB Std (BS 1363)
08D3S100	English	110 - 230	US Std (NEMA5-15 Hospital grade)
08D2S100	English	110 - 230	US Std (NEMA5-15 Hospital grade)

For more information visit www.smiths-medical.com

NOT AVAILABLE FOR SALE IN THE U.S.A.

PRODUCT(S) DESCRIBED MAY NOT BE LICENSED OR AVAILABLE FOR SALE IN CANADA AND OTHER COUNTRIES

MZHCCA-0008

Smiths Medical International
1500 Eureka Park, Lower Pemberton
Ashford Kent, TN25 4BF
Tel: +44 (0)845 850 0445
www.smiths-medical.com



Find your local contact information at: www.smiths-medical.com/customer-support/contact-us

smiths medical

Smiths Medical is part of the global technology business Smiths Group plc. Please see the Instructions for Use/Operator's Manual for a complete listing of the indications, contraindications, warnings and precautions. Graseby and the Smiths Medical design mark are trademarks of Smiths Medical. The symbol ® indicates the trademark is registered in the U.S. Patent and Trademark Office and certain other countries. All other names and marks mentioned are the trademarks or service marks of their respective owners. ©2016 Smiths Medical. All rights reserved. IN193908GB-112016