

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

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