

# Graseby™ 2000 Syringe Pump Range

## Affordable quality from a name you can trust



INFUSION SYSTEMS

GRASEBY™

## Graseby™ 2000 Syringe Pump



On-pump syringe loading guidelines

3 adjustable occlusion pressure settings

Programmable infusion rates between 0.1 and 1200 ml/hr

Patient tubing holder

## Graseby™ 2100 Syringe Pump



Body weight mode

The Graseby™ 2100 syringe pump also offers programming in mass units using the body weight mode. Programmable in either mcg/kg/min or mg/kg/hr, the infusion rate is automatically calculated and displayed in ml/hr – simple & easy to use.

### The new Graseby™ 2000 range of syringe pumps offer affordable quality from a name you can trust.

Recognised in operating theatres, intensive care units and general wards across the world, Graseby™ infusion pumps have been trusted by healthcare professionals for over 30 years.

Both the Graseby™ 2000 and the Graseby™ 2100 syringe pumps provide simple, reliable and easy to use infusions for a wide range of clinical therapy areas.

#### Easy to use

The on-pump syringe loading guidelines provide clear instructions to support clinicians where they need it, at the bedside.

The 4 step programming sequence allows for quick and simple programming, meaning clinicians can spend more time with the patient, not the pump.

#### Added safety

The Graseby™ 2000 range of syringe pumps also offer a variety of safety features including:

##### Post occlusion bolus reduction

In the event of an occlusion alarm the pump will minimise the potential post occlusion bolus by reducing the pressure in the patient tubing.

##### Patient tubing holder

The patient tubing holder reduces the risk of accidental syringe displacement if the patient line is inadvertently pulled or caught.

##### Wide range of alarms

The pumps feature a wide range of audio and visual alarms including 'syringe error' and 'barrel clamp open' to ensure clinician awareness and prompt intervention where necessary.

#### Versatile

With programmable infusion rates between 0.1 and 1200 ml/hr the Graseby™ 2000 syringe pump range is suitable for a wide variety of clinical settings including anaesthesia and critical care, paediatric and neonatal units and general ward use.

The 3 adjustable occlusion pressure settings further allow the Graseby™ 2000 & 2100 syringe pumps to be tailored to the specific requirements of the therapeutic care area.

The Graseby™ 2000 range of syringe pumps can be used throughout the hospital providing familiarity and consistency to clinical teams.

#### Wide range of syringe brands

The Graseby™ 2000 range of syringe pumps support a wide variety of syringe sizes & brands including major manufacturers and selected local brands. The pumps also provide automatic sensing of 20ml, 30ml and 50ml syringes.

SYRINGE BRANDS
APEXMED 20ML, 50ML
AYSET 20ML, 50ML
B BRAUN OMNIFIX 50ML
BD PLASTIPAK 20ML, 30ML, 50ML
FRESENIUS INJECTOMAT 50ML
NIPRO 30ML, 50ML
POLFA 20ML
ROMSONS JUNIOR 50ML
TERUMO 20ML, 30ML, 50ML
UNOLOK 20ML, 50ML

## Product codes & specifications

GRASEBY™ 2000 SYRINGE PUMP			
PRODUCT CODE	LANGUAGE	VOLTAGE	POWER CORD INCORPORATING:
11D1X100	English	220 - 230	Plug based on BS 546
11D1W100	English	220 - 230	Cee 7/7 Schuko plug
11D1T100	English	220 - 230	GB 2099.1 Plug
11D1V100	English	220 - 230	CEI 23-16/VII plug
11D1Y100	English	220 - 230	BS 1363 plug
11D1S100	English	220 - 230	NEMA 5-15 'Hospital Grade' plug
11D2S100	English	110 - 120	NEMA 5-15 'Hospital Grade' plug

GRASEBY™ 2100 SYRINGE PUMP			
PRODUCT CODE	LANGUAGE	VOLTAGE	POWER CORD INCORPORATING:
12D1X100	English	220 - 230	Plug based on BS 546
12D1W100	English	220 - 230	Cee 7/7 Schuko plug
12D1T100	English	220 - 230	GB 2099.1 plug
12D1V100	English	220 - 230	CEI 23-16/VII plug
12D1Y100	English	220 - 230	BS 1363 plug
12D1S100	English	220 - 230	NEMA 5-15 'Hospital Grade' plug
12D2S100	English	110 - 120	NEMA 5-15 'Hospital Grade' plug

SPECIFICATIONS: GRASEBY™ 2000 & 2100	
Weight	2.1kg (approx, including pole clamp)
Dimensions	307mm x 133mm x 128mm (not including pole clamp)
AC Power Supply	220 - 230V or 110 - 120V (not user adjustable) at 50 - 60Hz
Battery Type	Rechargeable 12 V DC Nickel Metal Hydride Ni-MH
Battery Life	4 hours at 5ml/h
KVO Rate	0.5ml/hr (continuous mode, not VTBI)
<b>PROGRAMMING RANGE:</b>	
Infusion Rate	0.1ml/h to 1200ml/h dependent on syringe size
Volume To Be Infused (VTBI)	0.1ml to 9999ml
<b>OCCLUSION SENSING - PRESSURE LEVELS:</b>	Approximate Pressure:
Low (L)	300mmHg ± 100mmHg      40.0kPa ± 13.3kPa
Medium (C)	500mmHg ± 100mmHg      66.7kPa ± 13.3kPa
High (H)	800mmHg ± 100mmHg      106.7kPa ± 13.3kPa
Drive Accuracy	±2% (Linear Accuracy)

GRASEBY™ 2100 - BODY WEIGHT MODE SPECIFICATIONS	
Mass Units	mcg/kg/min or mg/kg/hr
Body Weight	0.1kg to 300kg
Drug Mass	0.1mg to 999.9mg
Solution Volume	0.1ml to 999.9ml

THE DETAILS GIVEN IN THIS LEAFLET ARE CORRECT AT THE TIME OF GOING TO PRESS. THE COMPANY RESERVE THE RIGHT TO IMPROVE THE EQUIPMENT SHOWN

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