

Key Features of the Asena[®] GS Syringe Pump:

- Advanced display
 - high visibility, legible from 3 metres
- Unique, universal mounting mechanism
 - fits all standard applications
- Fast Start
- Highly visible alarm indicator
- Compact, robust design
- Very easy to use
- Advanced bi-directional interface to Patient Data Management Systems
- Fully integrated component of the Asena[®] Medication Safety System from ALARIS Medical Systems
- One-handed syringe loading that minimizes bolus risks
- Event log plus Key press log

Asena[®]

GS SYRINGE PUMP



SPECIFICATIONS

Rate Range

5ml syringe - 0.1 to 150ml/h
 10ml syringe - 0.1 to 200ml/h
 20ml syringe - 0.1 to 200ml/h
 30ml syringe - 0.1 to 200ml/h
 50ml syringe - 0.1 to 200ml/h

Volume Infused

0.1 - 9990 ml (in 1ml increments)

Volume Limit

0.1ml - 100ml, 1 min-48hrs

Bolus Rate

5ml syringe - 10ml/h to 150ml/h
 10ml syringe - 10ml/h to 300ml/h
 20ml syringe - 10ml/h to 500ml/h
 30ml syringe - 10ml/h to 500ml/h
 50ml syringe - 10ml/h to 500ml/h

Purge Rate

100ml/h-500ml/h (limited to size of syringe)
 limit 0.5-5.0ml

Accuracy

Volumetric +/- 2% (nominal)

Syringe Type

5ml, 10ml, 20ml, 30ml, or 50ml disposable syringe of type specified on pump

Battery Type

Rechargeable NiMH, automatically charged when pump is connected to AC power

Battery Life

Pump will operate for a minimum of 4 hours from full charged battery (5ml/h @ 20°C under normal conditions)

Recharge Time

2½ hours from discharge to 95% charge

Pumping Pressure Limits

Highest alarm level: 1000mmHg (L-10)
 Factory Preset: 300mmHg (nominal L-3)
 Occlusion levels L-0 to L-10

Alarms, Warnings and Prompts

Audible alarm and display prompts with comprehensive protection such as:
 Pressure limit exceeded, Drive disengaged, Infusion complete, Internal malfunction, Purge/Bolus activated, Nurse attention, Volume limit reached, Near end infusion, Battery charge low, AC power failure, Check syringe

AC power requirements

115-230 VAC, 50/60Hz, 20VA (nominal)

Dimensions

310mm(w) x 117mm(h) x 200mm(d)

Weight

2.2 Kg



0086

STANDARDS

EN60601-1

EN60601-1-2

EN60601-2-24

SYRINGES

30602N 50ml syringe

IV INFUSION SETS

G40015

Standard extension set, 150cm

G40020b

Standard extension set, 200cm

G40215

Opaque extension set, 150cm

G40320

Opaque extension set, 200cm

G40615

Polyethylene extension set, 150cm

G40620

Polyethylene extension set, 200cm

G40720

Low sorbing PE lined PVC extension set with clamp, 200cm

2000E SmartSite[®]

Needle-Free Valve, latex free

Other SmartSite[®] Needle-Free Valve versions available

LCD MODULE

Large, wide-angle display provides legibility up to 3m.



SMART PACK BATTERY

NiMH battery runs for 4 hours with a fast charge (2½hrs).



MEDICAL DEVICE INTERFACE

Universal mounting system that allows simple fixation to Dräger bars, poles or the Asena[®] DS Docking Station.



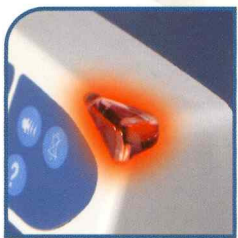
COMMUNICATIONS

Fast, bi-directional, monitor-control-titrate mode, 232 port, ID + protocol.



ALARM / WARNING INDICATOR

Highly visible alarm indicator allows fast recognition with full screen text description of cause.



ERGONOMIC DESIGN

Includes introduction of 'Anti-tilt' shelf and rounded corners for easy cleaning.



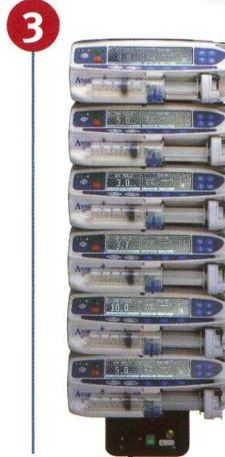
Asena[®] Medication Safety System provides the total bedside solution



Space-saving docking stations available in a wide range of configurations holding up to 12 pumps on one station



Complete family of pumps attach to docking station by unique "click-on" mounting system with quick release mechanism



Fully loaded Asena[®] DS Docking Station