



Alaris® Products

Alaris® GH Syringe Pump





Introducing the Alaris® GH Syringe Pump

Intelligent and highly responsive, the Alaris® GH Syringe Pump delivers drugs in the safest possible way. Whether working independently, or as part of the Guardrails® Safety System, the Alaris® GH Syringe Pump is feature-rich and includes a large quick-to-read display, intuitive keyboard, alarm beacon, and on-screen drug labelling.

Use it with the Guardrails® Suite of safety software and you have the power to identify, track and prevent many of the most harmful IV medication errors. Due to its portability the Alaris® GH Syringe Pump is a versatile and flexible platform for IV therapy and is suitable across a broad range of applications.

Safety



Pressure Levels

Pressure level settings to help early detection of IV site complications.



Drug Name Display

Drug library with up to 100 drug names for display during infusions.



Alarm & Warning Beacon

An immediate identification of the infusion pump requiring attention.

Ease of use



Large Display

Easy to read critical data at a glance, clearly visible from a distance in all lighting conditions.



Folding Pole Clamp

Built in folding pole clamp and Medical Device Interface (MDI), allows mounting independently of or within the Alaris® Medication Safety System without additional accessories.



Portability

Alaris® Syringe Pumps are portable independently of the Alaris® Medication Safety System, fully featured on the move with safety and intelligence built in.

Designed for use in key areas



Intensive Therapy Unit



Adult General Ward



Paediatrics

Guardrails® Suite Compatible

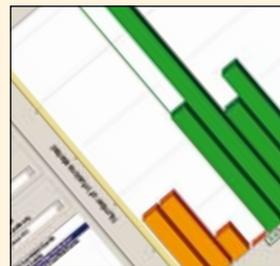
The Guardrails® Suite is a medication safety and quality auditing system designed specifically for infusions. It not only helps protect the patient and the clinician from the consequences of medication errors, it also positively affects patient outcomes by facilitating continuous improvements in the quality of practice.

Complete Profile		Drug Library - Adult ICU	
Drug Name	Concentration	Unit	Volume
Vancomycin	500 mg	100 mg/ml	5 ml
Clonidine	0.1 mg	0.1 mg/ml	1 ml
Propofol	1 mg	10 mg/ml	10 ml
Midazolam	2 mg	2 mg/ml	1 ml
Fentanyl	0.1 mg	0.1 mg/ml	1 ml
Rocephin	1 g	100 mg/ml	10 ml
Levofloxacin	0.5 g	500 mg/ml	1 ml
Meropenem	1 g	100 mg/ml	10 ml
Linezolid	0.6 g	60 mg/ml	10 ml
Colistin	10 mg	10 mg/ml	1 ml
Amphotericin B	50 mg	50 mg/ml	1 ml
Fluconazole	400 mg	400 mg/ml	1 ml
Trimethoprim	150 mg	150 mg/ml	1 ml
Sulfamethoxazole	750 mg	750 mg/ml	1 ml

Standardise



Protect



Measure



Improve

Guardrails®
Suite of safety software

System Integration Capability

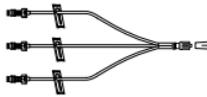
When docked to an Alaris® Gateway Workstation, your complete infusion system has the capability to link to Patient Data Management Systems (PDMS) and Hospital Information Systems (HIS) through our open network architecture.



Please contact us for more information about the Guardrails® Suite and System Integration Capability.

GH Syringe Pump Safety Disposables

Refer to Disposables Catalogue for the full range of illustrated products

Y connectors	
20038E	Y connector 3 way • 3 SmartSite® Valves 3 Slide clamps • 0.3ml* • 11.5cm 
20061E	Y connector 2 way • 2 SmartSite® Valves 2 Slide clamps • 1.8ml* • 18cm
20062E	Y connector 3 way • 3 SmartSite® Valves Back-check valve • 3 Slide clamps • 1.5ml* • 16cm
Y extension lines	
30852	Y extension 2 way • Back-check valve Anti-siphon valve • 2 Roberts clamps 1.8ml* • 183cm 
30832	Y extension 2 way • Back-check valve 2 Roberts clamps • 1.5ml* • 178cm
Extension lines	
30262E-0006	Extension line • 2 SmartSite® Y Valves 2 Roberts clamps • Kink resistant • 6ml* • 102cm 
20021E	J loop extension line • SmartSite® Valve Slide clamp • 0.4ml* • 15.2cm
C20128-0006	Extension line • Roberts clamp 5ml* • 43cm
30202E	Extension line • SmartSite® Y Valve • Roberts clamp 4ml* • 50cm
30822	Extension line • Roberts clamp 0.5ml* • 152cm
30842	Extension line • Back-check valve Roberts clamp • 1.2ml* • 32cm
30842E	Extension line • SmartSite® Y Valve • Back-check valve Roberts clamp • 1.4ml* • 30cm
30862	Extension line • Anti-siphon valve • Roberts clamp 0.6ml* • 156cm
G40015	Extension line • 2.6ml* • 150cm
G40020B	Extension line • 1.5ml* • 200cm
G402EP	Extension line • Yellow male luer Yellow striped tubing • 1.6ml* • 200cm
Low sorbing extension lines	
C20350	Extension line • Roberts clamp • Low sorbing • (Taxol) 5ml* • 43cm 
G40615	Extension line • Low sorbing • 1.5ml* • 150cm
G40620	Extension line • Low sorbing • 1.6ml* • 200cm
G40720	Extension line • Roberts clamp • Low sorbing 1.5ml* • 200cm
Light resistant extension lines	
G40215	Extension line • Light resistant (amber) 1.2ml* • 150cm 
G40320	Extension line • Light resistant (opaque white) 3.6ml* • 200cm

* Priming volume

Illustrations are only to be used as a guide and do not necessarily depict a true representation of the product.



GH Syringe Pump



Specifications

Infusion Rate Range (With Titration if Enabled)

5ml syringe	-	0.1 - 150ml/h
10ml syringe	-	0.1 - 300ml/h
20ml syringe	-	0.1 - 600ml/h
30ml syringe	-	0.1 - 900ml/h
50ml syringe	-	0.1 - 1200 ml/h

VTBI Range

0.1 to 1000ml, 1min to 24 hrs

VI Range

0.0ml to 9990ml

Volumetric Accuracy

+/- 2% (nominal)

Purge Rate

100 to 500ml/h (limited by syringe size)

Purge volume

range 0.5 to 5ml

Bolus Rate

5ml syringe	-	10 - 150ml/h
10ml syringe	-	10 - 300ml/h
20ml syringe	-	10 - 600ml/h
30ml syringe	-	10 - 900ml/h
50ml syringe	-	10 - 1200 ml/h

Bolus Volume

0.1-25ml (hands-on and hands-free)

Drug Names

Configurable for up to 100 drug names

Alarms, Prompts & Warnings

Alarm beacon with alarm (red) & warning (amber) indicators

Audible alarm and display messages include:

Occlusion, Drive disengaged, AC power failure, Internal malfunction, Battery low, Battery empty, Near end of infusion, End of infusion, VTBI done, Check Syringe Attention (nurse call back default 2 mins)

Quiet Mode

Mutes key presses and power down tone (if enabled)

Occlusion Settings

11 Levels from L0-L10.

BackOff

Reduces post occlusion bolus

Event Log

min 1500 events

Key Press Log

200 Key presses

AC Power requirements

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

Battery Type

Rechargeable NiMH

Battery Life

Operates for 4 hrs from full charge
(5ml/h @ 20°C under normal conditions)

Recharge Time

2.5hrs from discharge to 90% charge

Materials

Latex free throughout

Communications Ports

IrDA allows a wireless teach learn feature for simple configuration.

Standards

EN60601-1, EN60601-1-2, EN60601-2-24

Electrical Protection

Class I

Dimensions (mm):

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

Weight

2.7kg



Part of your complete infusion solution



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