

# When safety matters

Alaris® GP *plus* volumetric pump



## Designed for use in key areas

Acute and sub-acute applications require a simple and easy to use volumetric pump. Our Alaris® GP volumetric pump provides a versatile and flexible platform for infusion therapy which is suitable across a broad range of applications.

The Alaris® GP Volumetric pump offers a range of features suited to drug therapy, blood transfusions and parenteral feeding: including a large, clear display, intuitive operation, and a wide range of specialty sets. Ergonomic casing allows ease of transportation, cleaning, and a variety of mounting methods, including the Alaris® Gateway Workstation: providing extensive data connectivity compatible with Patient Data Management Systems (PDMS) and Hospital Information Systems (HIS) through open network architecture.



# The Alaris® Editor

## Improves consistency and standardisation.

Configuring pumps to specific care areas is easy and consistent with the Alaris® Editor. One PC tool configures the Alaris® CC and GH syringe pumps and the Alaris® GP volumetric pump.



- Centralised configuration control
- Up to 30 Care area profiles
- Up to 3000 drug protocols

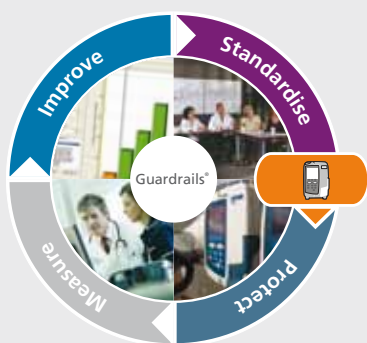
## 'Smart' protection with Guardrails® safety software

Medication safety software is becoming a pre-requisite for infusion devices.

However, many hospitals find the implementation a challenge.

The **plus** software is designed to make the transition to full Guardrails® implementation easy and in line with your schedule.

You can use the same Alaris® Editor to create your drug library and care area profiles. When your Guardrails® data set is ready, upgrading the pump to Guardrails® is simple.



### Standardise

Defining your infusion protocols

### Protect

Your safety net

### Measure

Powerful analysis of your infusion data

### Improve

Drives Long term best practice of your evolving drug therapy

# Specifications

## Infusion Rate Range

0.1 - 1200ml/h (with titration if enabled)

## VTBI

Range: Primary - 1ml to 9999ml

End Actions: Stop, KVO and continue

## VI Range

0.1ml to 9999ml

## Volumetric Accuracy

+/- 5% (nominal)

## Hands on and Hands Free Bolus

Bolus Rate 10 - 1200 ml/h

Bolus Volume 0.1 - 100 ml

## Mechanism

Four Finger Displacement Peristaltic

## Display

Mono (240x240 pixels)

## Free Flow Protection

All Infusion Sets incorporate the Alaris® Safety Clamp for free flow protection

## KVO Rates

0.1-20ml/h or set infusion rate if lower

## Alarms, Prompts & Warnings:

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

Audible alarm and display messaging with comprehensive protection including:

- AC power failure
- Door Open
- Air-in-Line Single Bubble
- Air-in-Line Accumulated
- Air-in-Line at start of infusion
- Battery low
- Battery empty
- Downstream Occlusion
- Upstream Occlusion
- Titration
- Safety Clamp
- Set misload
- End of Infusion
- VTBI done
- Attention (nurse call back, configurable)
- No Flow (if using optional flow sensor)
- Flow Error (if using optional flow sensor)
- Flow Sensor disconnected
- Door Close incomplete
- Lever open
- Free Flow
- Set not fitted
- Rate lock
- Wrong set
- Near End of Infusion (NEO)

## Occlusion Settings

9 Levels from L0 - L8

Factory default L5

## Event log

Approximately 1 year event log of normal use

## Battery Type

Rechargeable NiMH 9.6V 2.4Ah nominal

## Battery Run Time

Operates for 6 hrs from full charge at 25ml/h

## Recharge Time

2½ hrs from discharge to 95% charge

## Standards

IEC/EN60601-1, IEC/EN60601-1-2, IEC/EN60601-2-24

## Electrical Protection

Class I, Type CF (defibrillation proof)

## AC Power Requirements

100-230 VAC, 50-60Hz. 60VA (maximum)

## Dimensions

148mm(w) x 225mm(h) x 148mm(d)

## Weight

2.5kg



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