

# ARJOHUNTLEIGH

GETINGE GROUP

## LOGIC RANGE

AUTOMATIC PRESSURE  
REDISTRIBUTING SYSTEMS



...with people in mind

# MATTRESS REPLACEMENT & OVERLAY SYSTEMS

The *Auto logic*® 200 mattress replacement and *Auto logic* 110 overlay systems are part of the logic range from ArjoHuntleigh. Leading edge technology provides automatic, self setting mattress replacement or overlay options with battery-powered active transport facility. The complete *Auto logic* range includes the *Auto logic* 175 mattress replacement and *Aura logic*® seat cushion, and is recommended for round-the-clock prevention and management of all categories<sup>1</sup> of pressure ulcer when combined with an individualised monitoring, repositioning and wound care programme.





## REVOLUTIONARY SELF SET TECHNOLOGY

Forget about adjusting pump settings during installation. For optimal pressure area management, the *Auto logic* pump uses Self Set Technology (SST) to control the mattress pressure. In Active<sup>1</sup> Therapy (Alternating) and Reactive<sup>1</sup> Therapy (Constant Lower Pressure) modes, an advanced microprocessor system regularly assesses the body mass distribution of patients and readjusts cell air pressures to suit their individual requirements.

# UNIQUE MATTRESS CONSTRUCTION



## Cover Options

- Standard Cover - for general use
- *Advantex*® Cover - offers lower friction and higher moisture vapour permeability
- *eVENT*® Fabric Cover - for patients requiring an air permeable surface



## Concealed Zips

- Proactive approach to infection control



## Cell Retainers

- Unique cell securing hooks that replace existing poppers
- Proactive approach to infection control and mattress servicing



## Curved Cell Design

- Prevents patient “creep” down the system

## Cell in Cell (CIC) System

- Centralises patient on the mattress
- Increases stability of edge to aid transfer off and on the surface

# LEADING EDGE TECHNOLOGY



## Micro Air Loss

- Helps reduce humidity at the patient - mattress interface



## CPR Control

- Rapid deflation to assist resuscitation
- Simple one handed operation
- Positioned at head end



## Cable Management

- No trailing power cables



## Air Filled Sub Mattress

The *Auto logic 200* system can be converted and used as an overlay by unzipping the air filled sub-mattress.

- Enables system to be converted to an overlay
- Aids transfer off and on the surface
- New non slip base material

# LEADING EDGE TECHNOLOGY



## Battery

Offers a minimum of 6 hours of therapy in the event of a power cut or active transport to operating room or X-ray department.



## Transport Facility

Simple operation via disconnection from the tube-set. Cell pressure automatically equalises out. Provides patient support for up to 12 hours on a mattress.



## Anchor Points and Securing Straps

Moulded and welded to non-slip base material. Improves patient safety and provides secure fastening to varying frames and seats.



## 24 hour Peace of Mind

The *Aura logic*® seat cushion provides round-the-clock prevention and management of pressure ulcers, when used in combination with the *Auto logic* systems. For ease of use, the *Auto logic* pump automatically recognises which system has been connected.



## TWO THERAPIES IN ONE PUMP

Multi-mode pump offering leading pressure management therapies:

- *Active<sup>1</sup> Therapy (Alternating) mode*
- *Reactive<sup>1</sup> Therapy (Constant Lower Pressure CLP) mode*

### 1 Run/Standby Button

Switches pump unit on and off.

### 2 Mute Button

Mutes audible alarms except power fail.

### 3 Constant Lower Pressure (CLP) Mode

Offers excellent pressure redistribution. Pressure settings are directly proportional to those calculated for the Active Therapy mode. (Used when a moving surface is not recommended).

### 4 Service Indicator

Indicates that the pump is ready for a service or flashes when the pump has detected an internal fault.

### 5 Power Fail Alarm

Audible and visual indicator when a power failure has been detected.

### 6 Battery Low Indicator

Illuminates 2 hours before battery failure and an audible alarm will sound 1 hour before battery failure.

### 7 Low Pressure Alarm

Illuminates whenever the pump detects low pressure within the mattress or seat cushion. An audible alarm will sound unless cancelled by the mute button.

### 8 Wait Indicator

Remains illuminated until the mattress/seat cushion has been fully inflated.

### 9 Comfort Control

User preference for softer or firmer surface enhances patient comfort and care without compromising performance.

# PRODUCT SPECIFICATIONS

Product information			
	<i>Auto logic 110 Overlay</i>	<i>Auto logic 200 Mattress Replacement</i>	<i>Aura logic Seat cushion</i>
Length	2030 mm (80")	2030 mm (80")	470 mm (18 ½")
Width	860 mm (34")	860 mm (34")	455 mm (18")
Height	115 mm (4 ½")	205 mm (8")	50 mm (2")
Air filled sub mattress		2030 mm x 860 mm x 90 mm (80" x 34" x 3½")	
Cell material	Polyurethane (PU)	Polyurethane (PU)	Polyurethane (PU)
Base cover material	PU coated nylon	PU coated nylon	
Maximum patient weight	200 kg (441 lbs/31 ½ stone)	200 kg (441 lbs/31 ½ stone)	200 kg (441 lbs/31 ½ stone)

<i>Auto logic 175 Mattress Replacement</i>	
Length	2030 mm (80")
Width	860 mm (34")
Height	175 mm (7")
Foam Underlay Size	2032 mm x 838 mm x 63.5mm (80" x 33" x 2 ½")
Cell material	Polyurethane (PU)
Maximum patient weight	200 kg (441 lbs/31 ½ stone)

Pump	
Length	375 mm (14 ¾")
Height	280 mm (11")
Depth	125 mm (5")
Weight	2.75 kg (6 lbs)
Case Material	ABS Plastic
Mode of Operation	Continuous
Supply Voltage/Frequency	100 - 240 VAC/50 - 60 Hz
Electrical Rating	85 VA MAX
Operating Cycle Time	10 minutes
Degree of protection against electric shock	Class II Double Insulated with Functional Earth Type BF (Mains Connected)
Degree of protection of ingress of liquids	IPX0

1. NPUAP/EPUAP International Pressure Ulcer Guideline, 2009.

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## GETINGE GROUP

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**GETINGE GROUP** is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of **ArjoHuntleigh**, **GETINGE** and **MAQUET**. **ArjoHuntleigh** focuses on patient mobility and wound management solutions. **GETINGE** provides solutions for infection control within healthcare and contamination prevention within life sciences. **MAQUET** specializes in solutions, therapies and products for surgical interventions, interventional cardiology and intensive care.

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