



PRESSURE INJURY PREVENTION

# Auto Logic® Range

# Mattress replacement & overlay systems

The Auto logic® 200 mattress replacement and Auto logic 110 overlay systems are part of the logic range from Arjo.

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

- Reliant or Premium fabric cover options



## 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



## AUTOFIRM MODE

Allows the mattress to be pumped to a steady high pressure to allow nursing procedures that require a firmer base to be performed.

# 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.

## 10 AUTOFIRM

Provides a temporary stable support surface to assist patient transfer and other nursing procedures

# Product specifications

## PRODUCT INFORMATION

	Auto logic 110 Overlay	Auto logic 200 Mattress Replacement	Aura logic Seat cushion
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 3 ½")	
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)

## AUTO LOGIC 175 MATTRESS REPLACEMENT

Length	2030 mm (80")
Width	860 mm (34")
Height	175 mm (7")
Foam Underlay Size	2032 mm x 838 mm x 63.5 mm (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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At Arjo, we are committed to improving the everyday lives of people affected by reduced mobility and age-related health challenges. With products and solutions that ensure ergonomic patient handling, personal hygiene, disinfection, diagnostics, and the effective prevention of pressure injury and venous thromboembolism, we help professionals across care environments to continually raise the standard of safe and dignified care. Everything we do, we do with people in mind.

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