



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.

Self Set Technology (SST) provides an 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 designed for round the clock prevention and management of all categories¹ of pressure injury when combined with an individualised monitoring, repositioning and wound care programme.



Self Set Technology

For pressure area management of very high risk patients, the Auto Logic pump uses Self Set Technology (SST) to control the mattress pressure in both active alternating and reactive constant low pressure therapy modes, an advanced

microprocessor system regularly assess the body mass distribution of patients and readjusts cell pressure to suit their individual needs.

Mattress Construction



COVER

- Reliant fabric cover with welded seams



CONCEALED ZIPS

- Concealed zips beneath waterfall flaps aids infection prevention



MICRO AIR LOSS

- The micro air loss feature is designed to reduce humidity within the mattress



CPR CONTROL

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



CELL RETAINERS

- Cell retainer hooks aid ease of cleaning and servicing



CURVED CELL DESIGN

- Designed to prevent patient “creep” down the system

CELL IN CELL (CIC) SYSTEM

- Centralises patient on the mattress
- Designed to increase stability and to aid with transfer off and on the surface



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.



BATTERY

Battery option provides therapy in the event of a powercut or for active transport to the operating or X-ray department.



TRANSPORT FACILITY

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



ANCHOR POINTS AND SECURING STRAPS

Moulded and welded to the non-slip base material, designed to improve patient safety and to provide a secure fastening to medical bed frames and seats.



24 HOUR PEACE OF MIND

The Aura Logic seat cushion provides round the clock prevention and management of pressure injury 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 modalities in one pump

Dual modality pump providing:

- Active¹ Therapy (Alternating) mode
- Reactive¹ Therapy (Constant Low Pressure CLP) mode

- | | | |
|---|---|---|
| <p>1 RUN/STANDBY BUTTON
Switches pump unit on and off.</p> | <p>5 POWER FAIL ALARM
Audible and visual indicator when a power failure has been detected.</p> | <p>8 WAIT INDICATOR
Remains illuminated until the mattress/ seat cushion has been fully inflated.</p> |
| <p>2 MUTE BUTTON
Mutes audible alarms except power fail.</p> | <p>6 BATTERY LOW INDICATOR
Illuminates 2 hours before battery failure and an audible alarm will sound 1 hour before battery failure.</p> | <p>9 COMFORT CONTROL
Provides a softer or firmer support surface without compromising mattress performance.</p> |
| <p>3 CONSTANT LOW PRESSURE (CLP) MODE
Provides constant pressure redistribution.</p> | <p>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.</p> | <p>10 AUTOFIRM
Provides a temporary stable support surface to assist patient transfer and other nursing procedures</p> |
| <p>4 SERVICE INDICATOR
Indicates that the pump is ready for a service or flashes when the pump has detected an internal fault.</p> | | |

Product specifications

AUTO LOGIC MATTRESS REPLACEMENT

	Auto Logic 175 Mattress Replacement with foam underlay	Auto Logic 200 Mattress Replacement with air filled zoned sub-mattress
Length	2030 mm (80")	2030 mm (80")
Width	860 mm (34")	860 mm (34")
Height	115 mm (4 ½")	205 mm (8")
Air filled sub mattress	-	2030 mm x 860 mm x 90 mm (80" x 34" x 3½")
Cell material	Polyurethane (PU)	Polyurethane (PU)
Foam Underlay Size	2032 mm x 838 mm x 63.5 mm (80" x 33" x 2 ½")	-
Base cover material		PU coated nylon
Maximum patient weight	200 kg (441 lbs/31 ½ stone)	200 kg (441 lbs/31 ½ stone)

RELATED PRODUCTS- OVERLAY AND CUSHION

	Auto Logic 110 Overlay	Aura Logic Seat cushion
Length	2030 mm (80")	470 mm (18 ½")
Width	860 mm (34")	455 mm (18")
Height	115 mm (4 ½")	50 mm (2")
Cell material	Polyurethane (PU)	Polyurethane (PU)
Base cover material	PU coated nylon	
Maximum patient weight	200 kg (441 lbs/31 ½ stone)	200 kg (441 lbs/31 ½ stone)

PUMP

Length	375 mm (14 ¾")
Height	280 mm (11")
Depth	125 mm (5")
Weight	3.9kg (9lbs) without battery 4.6kg (10lbs) with battery
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	IP21

1. National Pressure Ulcer Advisory Panel, European Pressure Ulcer Advisory Panel and Pan Pacific Pressure Injury Alliance. Prevention and Treatment of Pressure Ulcers: Clinical Practice Guideline. Emily Haesler (Ed). Cambridge Media: Osbourne Park, Western Australia; 2014.

October 2019 Only Arjo designed parts, which are designed specifically for the purpose, should be used on the equipment and products supplied by Arjo. As our policy is one of continuous development we reserve the right to modify designs and specifications without prior notice. ® and ™ are trademarks belonging to the Arjo group of companies.

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.

Arjo AB · Hans Michelsensgatan 10 · 211 20 Malmö · Sweden · +46 10 335 4500

www.arjo.com