AUTOMATIC PRESSURE REDISTRIBUTING TECHNOLOGY

Auralis® alternating pressure system

arjo
with people in mind

Around the clock care for high-risk patients

Designed for high acuity patients with limited mobility, the Auralis alternating pressure system provides a solution to effectively manage pressure injury prevention, offering both mattress and seat cushion options. This preventive therapy solution includes microclimate management, self-adjusting technology and a heel guard feature.

Intelligent Pressure Management System with Dual Modality

The Auralis pump uses self set technology 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 pressures to suit their individual needs.

Mattress design for enhanced comfort and durability

Designed to enhance patient comfort and safety, the Auralis mattress features the Arjo Premium cover fabric which offers superior longevity against harsh cleaning regimes.[1] This water-resistant, breathable cover has welded seams and a protective flap, which is designed to help control the spread of infection.

Auto-Firm mode

To assist with patient transfer and other nursing procedures, Auto-Firm mode maximises the air in the cells, providing a temporary stable surface.

Enhanced patient comfort

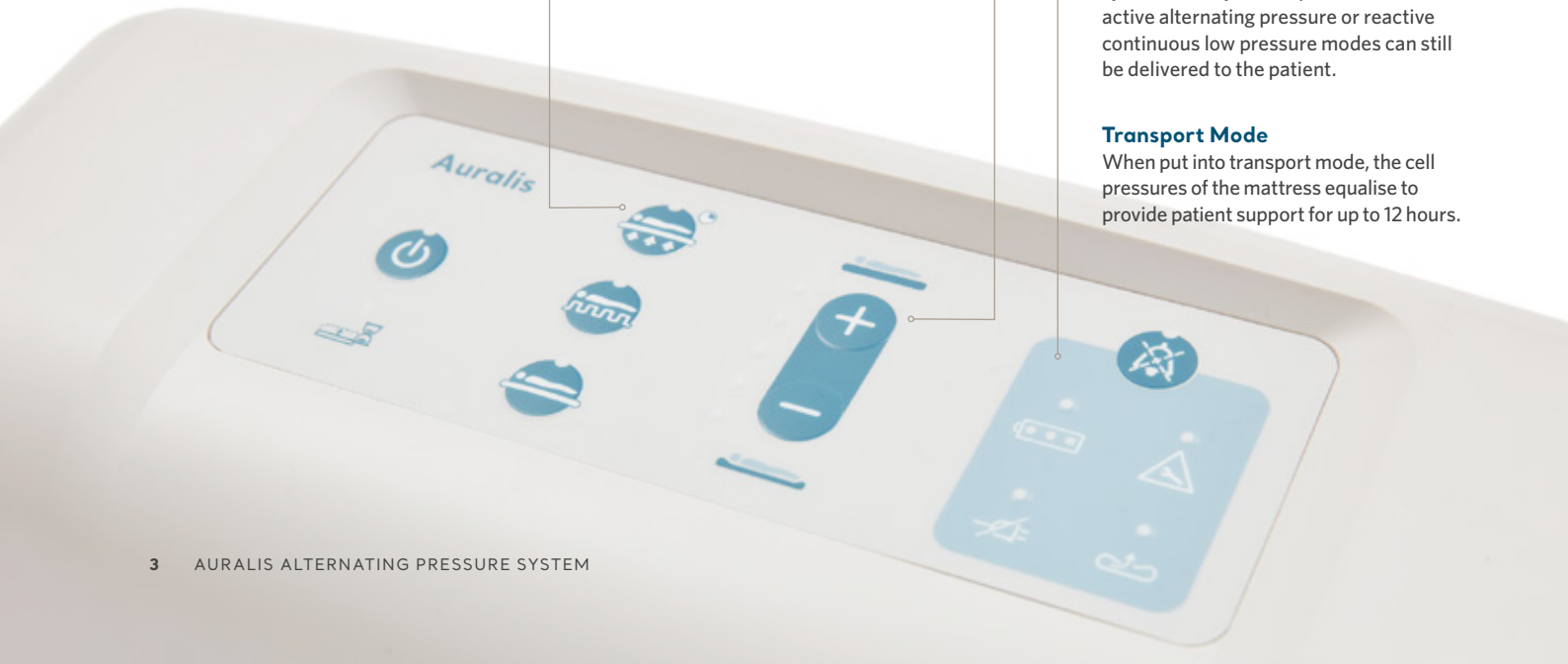
The Comfort Control on the Auralis allows the carer to make small pressure setting adjustments to meet the individual needs of the patient, without compromising mattress performance.

Integral battery backup

In the event of a power failure, the **Auralis pump will automatically switch to 'battery' mode and provide a minimum of three hours of fully operational use**. Even when the system is away from a power source active alternating pressure or reactive continuous low pressure modes can still be delivered to the patient.

Transport Mode

When put into transport mode, the cell pressures of the mattress equalise to provide patient support for up to 12 hours.



Cell in Cell technology
Permanently inflated U-shaped cells in the torso section are designed to increase stability and to aid with transfer off and on the surface.

Micro Air-Loss
A Micro Air-Loss function is designed to dehumidify the air surrounding the cells and aid in reducing heat build-up.

Heelguard technology
Auralis incorporates five Heelguard cells which help to redistribute pressure at the vulnerable heel area.

Self-Set Technology (SST)
An advanced microprocessor system in the pump regularly assesses patients' individual needs, with Self-Set technology designed to control the mattress pressure in both active alternating and reactive constant low pressure therapy modes.

CPR Control
CPR Control, designed for easy, one-handed operation, provides rapid deflation of the mattress to assist with resuscitation procedures.

Safe working load
With a maximum user weight of 250kg, the Auralis meets the needs of a wide range of patients.

Cable management
The cable management feature ensures no trailing power cable.

Skin IQ Microclimate Manager
The Auralis pump offers a direct power connection for the Skin IQ coverlet, offering advanced microclimate management. The Skin IQ family of products are powered mattress coverlets that use Negative Airflow Technology (NAT) to continually draw excess moisture away from the skin and surface interface, helping to reduce skin temperature.

Skin IQ coverlet option

Specifications

PUMP	
Part number	636XXX (XXX is determined by the type of mains lead fitted. Please refer to rear label on the pump for full part number)
Size	385 x 290 x 170 mm (15.2 x 11.4 x 9.7 in)
Weight	5.5 kg (12.1 lb)
SKIN IQ adapter part number	Power cable 636377
Alternating cycle time	10 minutes (Alternate 10 minutes, Auto-Firm 15-30 minutes, CLP continuous)
Supply Voltage	100-230 V
Power Input	4-58 VA
IP Rating	IP21
Case material	ABS Plastic
Sound output	28.75 dBA

MATTRESS/OVERLAY/CUSHION			
Part Number	**Description**	**Size mm (in)**	**Weight kg (lb) (incldues the transport bag of 0.46 kg)**
636T01S	Overlay Standard 110	2030 x 860 x 115 (80 x 34 x 4.5)	7.9 (17.4)
636T01N	Overlay Narrow 110	2030 x 780 x 115 (80 x 30 x 4.5)	7.7 (16.9)
636M05S	Mattress Standard 175 with foam underlay	2030 x 860 x 175 (80 x 34 x 7)	13.8 (30.4)
636M05N	Mattress Narrow 175 with foam underlay	2030 x780 x 175 (80 x 30 x 7)	12.7 (27.9)
636M02S	Mattress Standard 200 with air filled zone sub-mattress	2030 x 860 x 205 (80 x 34 x 8)	11.3 (24.9)
636M02N	Mattress Narrow 200 with air filled zone sub-mattress	2030 x 780 x 205 (80 x 30 x 8)	11 (24.2)
636C01S	Seat cushion	470 x 455 x 50 (18.5 x 17.9 x 2)	1.2 (2.6)
Cover material	Premium cover fabric with welded seams		
CPR	**Rapid deflate within 15 seconds at head end**		
Maximum patient weight	Overlay & mattress : 250 kg	Seat cushion: 200 kg	

Reference

1. The Impact of Cleaning Chemicals on Polyurethane Mattress Cover Materials and their Propensity for Physical Damage, Jo Milnes MA(Hons), MSc(Dist): Technical Manager, Dartex Coatings Limited, Acton Close, Long Eaton, Nottingham, NG10 1FZ. 2013

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.

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