



AUTOMATIC PRESSURE REDISTRIBUTING TECHNOLOGY

# **Auralis™ alternating pressure system**

# 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 assesses 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, the Auralis mattress features the Arjo Premium cover fabric which offers superior longevity against harsh cleaning regimes.<sup>1</sup> 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.

#### SWL

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.<br>Please refer to rear label on the pump for full part number) |
| Size                         | 385 x 290 x 170 mm  |
| Weight                       | 5.5 kg  |
| 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              | Weight kg<br>(includes the transport bag of 0.46 kg) |
|------------------------|---|----------------------|--|
| 636T01S                | Overlay Standard 110                                    | 2030 x 860 x 115     | 7.9  |
| 636T01N                | Overlay Narrow 110                                      | 2030 x 780 x 115     | 7.7  |
| 636M05S                | Mattress Standard 175 with foam underlay                | 2030 x 860 x 175     | 13.8   |
| 636M05N                | Mattress Narrow 175 with foam underlay                  | 2030 x 780 x 175     | 12.7   |
| 636M02S                | Mattress Standard 200 with air filled zone sub-mattress | 2030 x 860 x 205     | 11.3   |
| 636M02N                | Mattress Narrow 200 with air filled zone sub-mattress   | 2030 x 780 x 205     | 11   |
| 636C01S                | Seat cushion  | 470 x 455 x 50       | 1.2  |
| Cover material         | Premium cover fabric with welded seams                  |                      |  |
| <b>CPR</b>             | <b>Rapid deflate within 15 seconds at head end</b>      |                      |  |
| 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

At Arjo, we are committed to improving the everyday lives of people affected by reduced mobility and age-related health challenges. Our products and solutions ensure ergonomic patient handling, personal hygiene, disinfection, diagnostics, effective prevention of pressure injuries and venous thromboembolism and helping professionals across care environments raise the standard of safe and dignified care. Everything we do, we do with people in mind.

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