

OPTICELL AIRIS



Hybrid mattress
with pump for
pressure ulcer
category 4

TruePressure
high comfort
and extra low
pressure

TrueAlternating
ensures a
smoother air
exchange

OptiTex™ cover
with excellent
features

*An alternating hybrid mattress with pump, integrated air cells,
and hygiene cover.*

OPTICELL AIR1S

Air1S with TruePressure is an alternating hybrid mattress with pump OC20 V2 designed to meet the stringent demands of healthcare and the needs of the patient.

Its interconnected air cells distribute the air pressure over the mattress providing both high comfort and extra low back pressure*. We call this TruePressure.

The mattress has been designed using carefully selected components to provide the conditions for immersion and envelopment. Two factors that research has shown to be of great importance for effective and even pressure relief.**

Features – Pump and cells

COMFORT FUNCTION with six different comfort settings.

TRANSPORT MODE – The mattress can be set in transport mode where it maintains maximum air pressure for at least 12 hours

ALARM FUNCTION – The air pump has an alarm function with both light and sound alarms that give warnings for low pressure in the mattress.

HEEL RELIEF – The mattress is fitted with a relief system with an integrated airlock that enables the easy disconnection of cells.

EXTRA LONG POWER CABLE – We realise that the distance to the nearest power socket may vary which is why the mattress comes with a 6 metre long cable.

OptiTex™ cover

GOD HYGIENE – The OptiTex™ cover can be cleaned with disinfectant and can also be machine washed at 95°C. The cells and hoses can be rinsed clean with warm water (max 70°C) or with disinfectant.

DRIP PROTECTION WATERPROOF ZIP on four sides. All seams are welded.

THE UNDERSIDE HAS ANTI-GLIDE PROTECTION with four fixing strips.

FOUR HANDLES to facilitate handling of the mattress.

Foam configuration

COLD FOAM – High Resilience Foam HR50.

HYPERSOFT FOAM – A really soft foam that moulds to the body.

Together, these foams facilitate immersion and envelopment while achieving a high level of comfort.

Pressure values, Air1 (without pump) hybrid mattress

Raised mattress	Pressure values, Air1 (without pump) hybrid mattress		
	Large impression body 300 N	Large impression body 600 N	Small impression body 40 N
20 cm	26	45	42
18 cm	26	47	44

Reference values

Impression body	Extra low	Low	Medium	High
Large impression body 300 N	< 30.0	30.0-34.9	35.0-39.9	40.0-44.9
Large impression body 600 N	< 45.0	45.0-52.9	53.0-60.9	61.0-68.9
Small impression body 40 N	< 45.0	45.0-52.9	53.0-60.9	61.0-68.9

* RISE Research Institutes of Sweden O100560-1129023

** What is new in our understanding of pressure injuries, Amit Gefen and Esa Soppi 2020.

*** Pressure ulcer categories defined according to the International Pressure Ulcer Classification system. Guidelines produced by the European Pressure Ulcer Advisory Panel (EPUAP), National Pressure Ulcer Advisory Panel (NPUAP) och Pan Pacific Pressure Injury Alliance (PPPIA).

Products specifications

STANDARDSIZES 200/210/220 x 80/85/90/105/120 cm. OptiCell Air1 comes in different mattress heights and maximum loads.

See table with data for each model.

For other sizes please contact Järven Health Care.

PRESSURE ULCER CATEGORY 1-4***

PUMP OC20 2.0 is an advanced pump with sensors that adapts to the user's weight

Sound level: 21 db. 230 V / 50 Hz.

CELLS Our unique replaceable SweCells™ are made of TPU (Thermoplastic Polyurethane) and are softer than traditional PU cells. This means that they mould more easily to the body with less rustling noise.

COVER of bi-elastic double-coated textile with soft elastic PU.

WARRANTY 2 years for manufacturing defects.

FIRE STANDARD SS 876 00 01, EN 597-1 & 2.

PATIENT WEIGHT OptiCell Air1 comes in different mattress heights and maximum loads. See table with data for each model.

RECYCLING See User Manual

WEIGHT with pump 11.8 kg (200x80x16 cm)
13.2 kg (200x80x16 cm)

LABELLING year of manufacture, month, week, EAN, care instructions, standard compliance and placement on bed.

