

# GIOCO



## UltraCare Pressure Relief

CE



# UltraCare System



The Gio-Form UltraCare is a revolutionary system which offers both static care and dynamic alternating mattress replacement system combining the benefits of modern foam technology and traditional dynamic air mattresses.

The design is for patients considered to be at '**Very High Risk**' of developing pressure ulcers. The UltraCare System is also available in bariatric size - upto 380kg.

This '**Plug and Play**' system is very simple to use and requires minimum basic training to operate. It is ideal for use in the community.

A combination of the quietest pump on the market, zero power usage in static mode, adjustable settings in static mode, and high comfort levels, this system is the epitome of excellence in the delivery of patient-focused pressure relief care. It offers a very flexible package with little or no disruption to patient comfort due to the simplicity in setting up in order to meet a particular patient's clinical requirements. This, in turn, significantly reduces decontamination and logistical costs.

The HF-welded 'Dartex' material outer cover stretches in multiple directions, has excellent permeability properties, and a long life while meeting stringent infection control requirements.

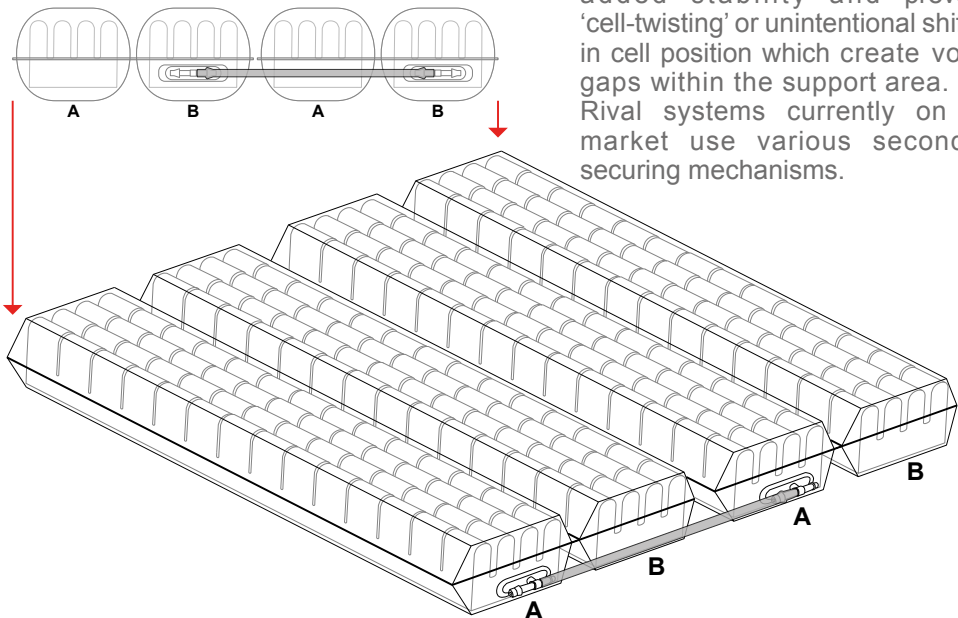
# Ultra



1. Designed and Manufactured in the UK
2. 5 Year Extended Warranty \*
3. Use with 'Very High Risk' Patients
4. Dual Cell Technology
5. Maximum Patient Weight of 380Kg\*\*
6. ZERO running costs in Static Care mode

## Dual Cell Hybrid Air Cells

Our holistic approach to design has resulted in the development of 'Dual Cell' technology which provide added stability and prevents 'cell-twisting' or unintentional shifting in cell position which create voids/ gaps within the support area. Rival systems currently on the market use various secondary securing mechanisms.



\* To qualify for 5 year warranty system must be serviced by Gioco Ltd on an annual basis.

\*\* When used in conjunction with the Hybrid Bariatric mattress and in Bariatric mode

# UltraCare Expert Pump



1. Designed and Manufactured in the UK
2. 'Plug and Play' Pump Unit
3. 5 Year Extended Warranty \*
4. Silent Operation in Static Care Mode
5. Auto Switch from Dynamic to Static Care Mode

\* To qualify for 5 year warranty system must be serviced by Gioco Ltd on an annual basis.

# Ultra



## Ease of Use



The 'Plug and Play' system is simple and easy to use. The UltraCare Expert pump has been designed for use with both the standard Gio-Form Hybrid mattress and the Gio-Form Hybrid Bariatric mattress, and has been designed and manufactured using high quality components. A patient can be laid onto the mattress prior to adding the pump and powering 'ON'. The system defaults to Low pressure mode. Should you have to nurse a Bariatric patient then the same system simply needs to be put into the correct mode.

To activate the Static Care mode you simply switch off the power and the system automatically changes the integral air distribution system to operate the adjustable Static Care regulation without any other user input.

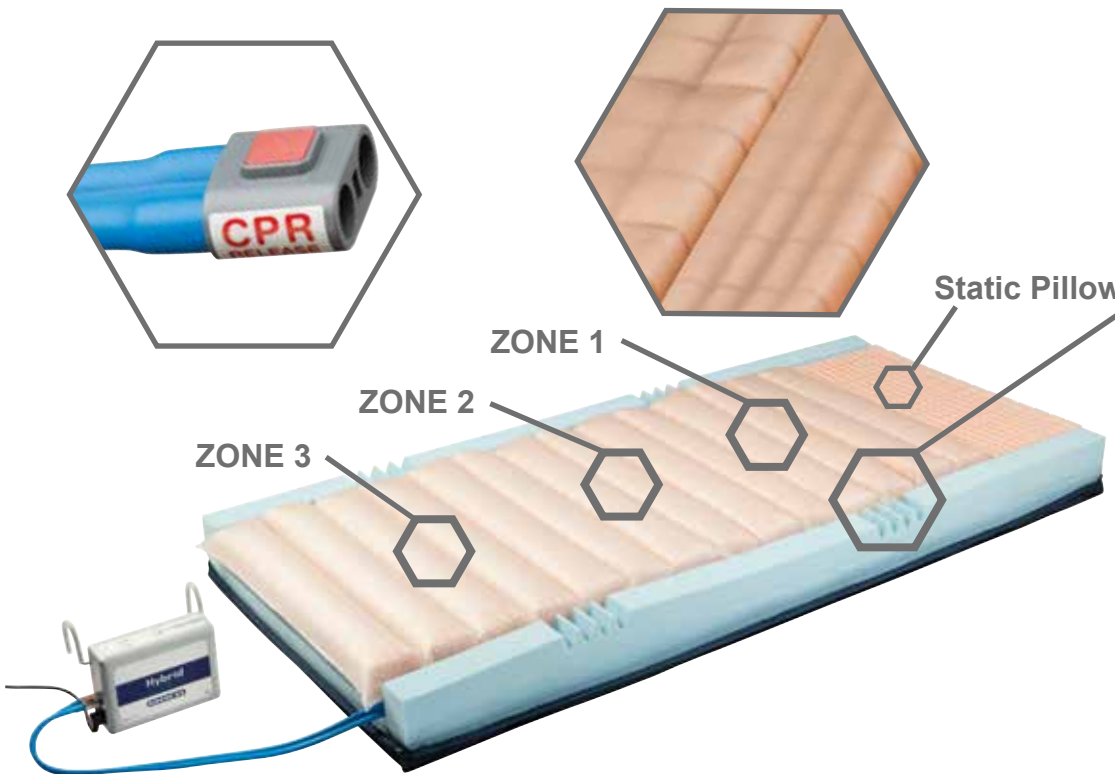
In the event of a fault, a comprehensive set of integral alarms will alert the nursing staff/operator. The ergonomic design used allows for minimal operator control/input as well as very minimum (and basic) training, making the system ideal for community and ITU environments.

## Top Quality Components

This ground breaking system has been designed in-house with utmost control of every stage of the design and manufacturing process. All injection moulded components are tooled and manufactured in-house, as well as the electronics and air distribution mechanisms utilising a wealth of experience gathered over a period of over 40 years within the medical device industry.

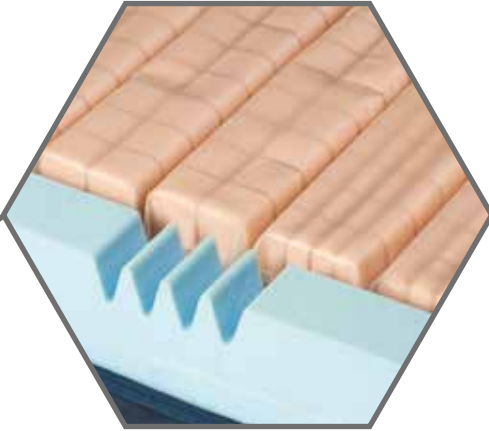
Everyone can gather knowledge but at Gioco we underpin that knowledge with our insight - that sets us and our products apart.

# UltraCare Mattress System



1. Designed and Manufactured in the UK
2. Three Different Pressure Zones
3. Quick Setup. Reaches Pressure in 2 Mins
4. Static or Dynamic Operation
5. Auto System Reset on Patient Movement

# Ultra



- 7 pairs of air cells
- Dartex Top Sheet
- Concave air cells
- Cutouts in side walls
- 250Kg Patient Weight
- Fast CPR deflation
- Covered air tube
- Bariatric Hybrid System



# UltraCare 'Static Care' Mode

Zone 1 8-12mmHg

Zone 2 13-20mmHg

Zone 3 21-30mmHg



1. Designed and Manufactured in the UK
2. No Power Source Needed
3. ZERO Running Costs
4. Silent Operation
5. Safer Than Battery Backup
6. 100% Reliability. No Electrical Parts To Fail



# Ultra



## Static System with Adjustment

There is 'Static' and then there is 'Static Comfort'. Meet Gioco's newest market entrant which offers adjustable static mattress care for personalised comfort.

**No power source** (battery or mains) is required. A smart integral air regulation mechanism that enables the operator to personalise the comfort suitable for each patient or stage during the recovery / nursing period.

The Static Care Comfort Controller, which is integrated into the UltraCare Expert Pump is automatically triggered in the event that the power supply is switched off, on both the **Hybrid** and **Bariatric Hybrid**, mattress and then regulates the air pressure within the air cells.

The pressure within the air cells can be regulated from 10mmHg to 30mmHg. The zonal pressure segmentation, selected through the dial/knob provides peace of mind knowing that a certain pressure has been selected and is being applied relative to some gimmicky products with attributes currently marketed as static pressure care.

This system enhances the performance of the regular Hybrid mattress without the complexity or irritation sometimes associated with dynamic systems.

When using the Static Care mode, the system has **zero running costs** and is 100% reliable, as there are not moving parts within the system.

## User Overview

Plug the mattress hose onto the control box.

Set the control knob to the desired position (Level 1-3)

Place the patient into bed.

System automatically regulates air cell pressure.

System will reset every time patient gets into and out of bed.

# Technical Specifications

## UltraCare Pump Unit (When used as Dynamic System)

Serial Number.....	As per label on rear of pump
Electrical Supply.....	220 – 240 volt, 50 Hz
Power Consumption.....	10 watts
Fuses.....	TA1H 250V
Protection against shock.....	Class 2
Noise Level.....	Approx. 25 dB
Time Cycle.....	12 minutes
Cycle Type.....	1 in 2
Pressure Levels (Regular).....	Lo 18mmHg Hi 28mmHg
Pressure Levels (Bariatric).....	Lo 30mmHg Hi 40mmHg

## UltraCare Pump Unit (When used as Adjustable Static System)

Electrical Supply.....	None Required
Power Consumption.....	0 watts
Protection against shock.....	NA
Noise Level.....	Approx. 5 dB
Dimensions.....	265 x 175 x 90 mm
Weight.....	1.6 kg
Service Interval.....	12 months / 8760 hours
Expected life.....	5 years
Shelf life of parts.....	5 years

# Ultra



## Hybrid / Bariatric Hybrid Mattress

Serial Number.....	Label on air tube of mattress
Number of Air Cells.....	14 Air Cells (7 Pairs)
Air Cell Material.....	300um PU Film
Pillow Section.....	Static Pressure Relief Foam
Foam 'U' Core.....	75mm
Dimensions.....	1990 x 900(1200 bariatric) x 150mm
Weight.....	14kg(25kg Bariatric)
Top Cover Material.....	Dartex Performance 602
Expected life of Mattress Cells.....	5 years
Shelf life of Mattress parts.....	5 years

## Hybrid Patient Profile

### Static Foam System

Max. Patient Weight.....	159 kg ( 25 Stone)
Patient Risk Level.....	Medium Risk Patients

### UltraCare Comfort System

Max. Patient Weight.....	190 kg ( 30 Stone)
Patient Risk Level.....	High Risk Patients

### UltraCare Pump System

Max. Patient Weight.....	250 kg ( 39 Stone)
Patient Risk Level.....	Very High Risk Patients

## Bariatric Hybrid Patient Profile

### Static Foam System

Max. Patient Weight.....	270 kg ( 42 Stone)
Patient Risk Level.....	Medium Risk Patients

### UltraCare Comfort System

Max. Patient Weight.....	350 kg ( 53 Stone)
Patient Risk Level.....	High Risk Patients

### UltraCare Pump System

Max. Patient Weight.....	380 kg ( 60 Stone)
Patient Risk Level.....	Very High Risk Patients

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