



AIRWAVE
Pressure**GUARD**[™]
FLEX SYSTEM
Bariatric Edition

Med Therapeutics
Therapeutic Surface Systems

Med Therapeutics was created in 2018 by Dr Henning Lorenz – one of the founding fathers of two of the largest Therapeutic Support Surface providers in the world.

Using his many years of expertise in pressure area care, his knowledge of Therapeutic Support Surfaces & Mechanical (Dynamic) Therapy Systems, and his grasp of the technical requirements for this rapidly evolving field, he took much of his management, sales, technical and manufacturing team with him to set up a company that would lead the way in clinical excellence. It would become synonymous with the advance of telemedicine, remote fault diagnosis, remote pressure mapping and more importantly, proactive pressure reduction – the ability to take pressure to zero instantly when required.

Med Therapeutics is best placed to provide true clinical solutions to ITU / ICU critical situations, aged care providers, and community loan store providers across the world. Whether the problem be geriatric, bariatric, paediatric, intensive care and general wards, our years of experience, our deep understanding of the technical requirements and also our passion and commitment for tissue viability care means that we WILL have an answer for your patient.

With an office near Brighton, England, an office in Karlsruhe, Germany and an office in Taipei, Taiwan we have the world covered.

We have care covered.



Pressure**GUARD** FLEX SYSTEM

A 120cm wide bariatric mattresses – clinically advanced 7” mattress system for very high risk patients, vulnerable and complex patients, when only zero pressure will do.

This extremely adaptable and auto-adjustable system allows the caregiver to react quickly to avoid pressure ulcers forming or to stop current wounds worsening in vulnerable patients. The intuitive pump features automatic weight and body mass monitors avoiding the need for manual weight input, whilst delivering individual pressure adjustment based on how each patients weight is distributed.

When zero pressure is required for specific body areas, e.g. heels, sacrum, shoulder blades etc, the PressureGUARD cells are instantly removeable without disturbance to the patient and are replaced with a shallower PressureGUARD link cell with CLIKFIT, thus achieving zero pressure as required.



Mattress Features & Benefits

- 120cm extra wide mattresses for bariatric patients
- 7” PressureGuard™ cells with ClickFit – removable within seconds for Zero pressure when required
- Spare 5” PressureGuard™ LINK cell with ClickFit
- Cell in cell – 2” cell inside the main cell remains full of air in the event of power loss or transport function.
- Squaretop cells for even and complete pressure redistribution
- Multistretch cover with excellent anti-shear and friction properties
- Strikethrough cover shows up any cuts in the fabric for better infection control
- Microclimate management – waterproof and vapour permeable cover
- Designed with infection control in mind
- Ultra rapid CPR valve
- Fully launderable
- Replaceable 20 x 7” cells
- Cable management
- Very high risk
- Mechanical (or Dynamic) Therapy loading & offloading fully allows perfusion and thus reactive hyperemia



Pump - Technical Features

- Pump Model: 3010
- Auto weight – fully weighs patient and adjusts pressure accordingly. No need for manual weight input
- Auto upright mode
- Autofirm. Gives static maximum inflation to allow nursing and care procedures and auto clinics off after 30 minutes
- Clinician override if required
- Static and dynamic therapy modes
- Intelligent pressure sensing
- Lower pressure and power failure alarms
- Panel locks
- Plug and play. No need to learn every feature in the pump.
- Switch on and every else is automatically set up

FEATURES: Pump Model 3010

Plug and Play	✓
Static constant low pressure therapy	✓
Dynamic 1 in 2 cycle therapy	✓
Weight Capacity	200kgs
Auto Firm / Max Inflate	✓
Upright mode	✓
Auto Upright	x
Auto weight / pressure set	✓
Auto weigh and body mass set	x
Multi-Mattress one pump feature	✓
Low Pressure and Power loss alarms	✓
Panel Lock	✓



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