



AIRWAVE  
Pressure**GUARD**<sup>™</sup>  
FLEX SYSTEM

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 90cm 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 monitors avoiding the need for manual weight input, whilst delivering individual pressure adjustment based on how each patient's weight is distributed.

## Zero Pressure where you need it, when you need it.

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 pressGUARD link cell with CLIKFIT, thus achieving zero pressure as required.



CELLS FULLY INFLATED



REDUCED HEIGHT IN SINGLE CELL



CELL REMOVED

Includes Revolutionary PressureGuard™ Technology



## Mattress Features & Benefits

- 90cm wide mattress for patients up to 250kg
- 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

## Technical Features (Pump)

- Auto weight – fully weighs patient and adjusts pressure accordingly. No need for manual weight input (Pump models: 3010, 2010)
- Auto upright. Automatically optimises pressure when patient is sat up & upright mode (Pump models: 3010)
- Autofirm. Gives static maximum inflation to allow nursing and care procedures and auto clinics off after 30 minutes (Pump models: 3010)
- Clinician override if required (Pump models: 3010, 2010)
- Static and dynamic therapy modes (Pump models: 3010, 2010)
- Intelligent pressure sensing (Pump models: 3010, 2010)
- Lower pressure and power failure alarms (Pump models: 3010, 2010)
- Panel locks (Pump models: 3010, 2010)
- Plug and play. No need to learn every feature in the pump.
- Switch on and every else is automatically set up (Pump models: 3010, 2010)

## Product Comparison Chart

Our flexible system allows you to match up your PressureGUARD mattress with the pump that your patients' needs using the FLEX comparison chart.

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

