

# QUATTRO<sup>®</sup> Sentinel mattress replacement system specification



...reducing avoidable harms



SPECIFICALLY DESIGNED  
FOR THE CARE OF BARIATRIC  
PATIENTS

- **CHOICE OF THERAPY MODE:**  
**ACTIVE MODE** to provide 1-in-4 cell cycle active therapy  
*or*  
**CONTINUOUS LOW PRESSURE THERAPY MODE** provides reactive therapy
- **EXTRA DURABLE** air cells constructed from reinforced PU coated nylon for extra strength and durability
- **ODS<sup>™</sup>** (ortho-differential support) cell design provides optimal comfort and support for varying body shapes and sizes
- **AUTOsupport<sup>™</sup>** automatically adjusts pressure within each of the cells throughout the cycle so that support, posture and therapy are constantly maintained at optimum levels
- **MAXIMUM INFLATION** inflates the mattress to maximum static pressure for 15 minutes before returning to previous therapy mode
- **COMFORT CONTROL** adjustable in either therapy mode to help patient compliance
- **REMOVABLE SIDE BOLSTERS** ideal for use with width-retractable beds to allow easy movement of complete bed system with patient in-situ
- **AUDIBLE AND VISUAL ALERTS** indicate current operation status / fault conditions
- **AUTOLOCK** feature prevents inadvertent button operation
- **PHASE FLOW<sup>™</sup>** pressure control pump operates on demand only, reducing power consumption, noise and extending service life
- **CPR FUNCTION** for simple and effective rapid deflation to enable CPR procedures
- **TRANSPORT FACILITY** allows unpowered support of the patient for up to 12 hours
- **MULTI-STRETCH COVER** is waterproof and moisture-vapour permeable with welded seams and can be removed for laundering
- **LOW AIR-LOSS** feature, where air is released and circulated beneath the mattress cover, helps to reduce humidity and manage the skin 'microclimate' between the patient and the support surface
- **ERGONOMIC DESIGN SOLUTIONS** including anti-kink umbilical, non-tear mattress anchoring straps and cable management, together with integrated power unit carry handle and adjustable hanging brackets
- **MODULAR CONSTRUCTION** enables simple repair/service on site for minimum downtime
- **370 KG (58 STONE)** patient weight limit

# QUATTRO® Sentinel

## technical data

Power Unit	
Length	335 mm
Height	233 mm
Depth	165 mm
Weight	3.4 kg
Mode of Operation	1-in-4 cell cycle (Active therapy) or Continuous Low Pressure (Reactive therapy)
Alternating Cycle Time	16 mins
Ingress Protection Rating	IP21
Mains Cable	5 metres
Electricity Supply	230V~50Hz
Rated Input	9.4 VA
Fuse Rating	T500mA 250V HRC (ceramic) 5 x 20 mm
Noise Level	33.5 dBA

Mattress	
Length*	2000 mm
Width*	1200 mm (860 mm without bolsters)
Depth	180 mm
Weight	23.4 kg
Inner Construction Materials	Base tray: Woven nylon 940 DTEX PU coated both sides Base layer and side bolsters: CMHR foam Cells: Reinforced PU coated nylon
Cover Material	PU coated stretch nylon
Number of Cells	17
Max. User Weight	370 kg / 58 stone
Min. User Weight	None
Fire Retardancy	BS 7177 BS 7175 Crib 5 test method BS 6807

Please refer to user manual for recommended cleaning products and procedures.

Covers are anti-bacterial/microbial treated (active ingredient: zinc pyrithione)

\*UK standard size – approx. max top surface, inflated +/- 15mm

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