TECHNICAL DATA

TIDEWAVE™ TURNING MATTRESS

SPECIFICATION

TIDEWAVE™ TURNING MATTRESS	
Settings	User settings are made on the keypad of the control unit
Functions	3 direction of rotation options, 3 speeds, 3 degrees of rotation, 3 pause intervals and 30 minutes patient care function that pauses the program
Turning intervals	Up to 1 hour each side, depending on the selection of the speed program
Alarms	System fault light indicator
Connection	1 quick connector that connects both air hoses and electrical signals
CPR-functions	Red push button on quick connector, "CPR-quick-connector"
Air chambers	12 chambers, 9 individual zones
Mattress weight 90x200x15cm	20 kg
User weight	40 - 150 kg
Dimensions control unit	25cm x 28cm x 13cm
Weight control unit	5 kg
Air supply/connection	With the "CPR-Quick-Connector", contains 9 hoses
Power	100-240VAC 50-60Hz
Power consumption	During normal conditions is 30W, Max. power consumption is 65W
Electrical insulation	Double
Noise level	<30dB
Temperature recommendation	During operation +10°C to +30°C, for storage -20°C to +60°C
Materials	Mattress: Polyether HR cold foam, Air cells: PU-coated nylon, Hygiene cover: PU/Polyethylen (top) and PVC/Cotton (bottom), Control unit: ABS and nylon

ARTICLE NUMBER

ART.NR	
90.200.001.EU.S	90x200x15cm Mattress soft 40-60 kg*
90.200.001.EU.M	90x200x15cm Mattress medium 55-115 kg
90.200.001.EU.H	90x200x15cm Mattress hard 110-150 kg

* The minimum weight of 40 kg for the user weight is a general recommendation. The product can be used for users below the weight limit, but this should be done in individual consultation with specialists.

STANDARDS

- **IEC 60601-1:2006+A1:2013+A12:2014** Medical electrical equipment — Part 1: General requirements for basic safety and essential performance
- **IEC 60601-1-2:2015** Medical electrical equipment — Part 1-2: General requirements for basic safety and essential performance — Collateral Standard: Electromagnetic disturbances - Requirements and tests
- **IEC 60601-1-11:2015** Medical electrical equipment — Part 1-11: General requirements for basic safety and essential performance — Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment
- **ISO 1041:2008+A1:2013** Information supplied by the manufacturer of medical devices
- **ISO 14971:2019** Medical devices — Application of risk management to medical devices
- **IEC 62366-1:2015** Medical devices — Part 1: Application of usability engineering to medical devices
- **ISO 10993-1:2011** Biological Evaluation of Medical Devices
- **ISO 13485:2016** Quality Management Systems

Manufacturer: Tidewave R&D AS
Norway - NO-MF-000000557