"Fully automatic anti-decubitus mattress replacement system equipped with battery backup, for high risk and bariatric patients up to stage IV"

★ A.R.T.™ automatically monitors and regularly readjusts the internal pressure to permanently optimize the patient’s pressure relief and comfort.
★ A.R.T.™ determines the optimal internal pressure by using separate electronic pressure sensors and sophisticated micro-processing algorithms to determine the patient load on the mattress surface.
★ A.R.T.™ uses the mattress as a direct sensor pad meaning no extra underlying sensor pad required.
★ A.R.T.™ provides stepless internal pressure adjustment.
Summit Power Unit

- Initial inflation time around 10 mins
- Automatic upright function (external non-mercury sensor)
- Battery backup - advanced power detection sensor automatically activates battery backup in the event of a main’s power failure and allows treatment to continue uninterrupted during patient transportation and examination.
- Graphic screen - 3” LCD provides the easiest of views for all users.
- Design - ultra quiet, simple and attractive on the outside, highly sophisticated technology packed on the inside.
- Hose connection detector with CPR function
- Memory recall
- Visual/Audible alarms - indicates times of low pressure or imminent power failure.
- User interface languages - English, French, German, Italian and Spanish.
- Automatic panel lock - prevents tampering.
- Timer - displays total operating time.

Product Specification

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<th>Individual Model No.</th>
<th>Power Control Unit - SR388</th>
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<td>Mattress - SR210</td>
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<td>Coverlet - SR611</td>
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**Power Input**

- AC100 - 120V / 50 & 60 Hz
- AC220 - 240V / 50 Hz

**Dimension**

- Power Control Unit - 37.5 x 32 x 18.5 cm
- Mattress Set:
  - Standard - 200 x 90 x 23 cm
  - Narrow - 200 x 82 x 23 cm

**Material**

- Power Unit - ABS fire retardant UL
- Mattress Cell - 100% nylon with TPU lamination
- Coverlet - 100% nylon with PU backing

**Maximum Weight Capacity**

300 kg

**Weight**

- Power Control Unit - 8kg
- Mattress Set - 10kg

**Power Consumption**

Max. 30W

**Agency Approval**

- EN60601-1, EN60601-1-2, EN61000-3-2, EN61000-3-3, UL-2601-1

**Operating & Transportation & Storage Conditions**

- Temperature - 5°C ~ 45°C
- Humidity - 15% ~ 60%

This system is not AP/ APG protected.

Summit Mattress Replacement

- Twenty-one 8-inch tall air cells - provide maximum pressure relief and therapy.
- Integrated 2-inch air pad - for extra protection in case of power outage.
- Weight capacity - patients up to 300 kg.
- Rapid deflation facility (CPR) - in case of an emergency, deflates the entire mattress within seconds.
- Transport plug - allows mattress to stay inflated for an extended duration when there is a main power outage or if battery backup requires charging.
- Modular air cell construction - for easy maintenance and cleaning.
- Pillow function - head zone comprised of 3 static air cells for patient comfort.
- Heel protection - narrow air cells for heel section provide extra relief.
- Dartex coverlet - four-way stretch to minimize shear forces, waterproof but vapor permeable, fire retardant, anti-bacterial and anti-fungal coated coverlet. Oekotex certified.
- Cable fastener - ability to secure cable alongside mattress to prevent possible hazards.

Pressure Map

Volunteer: Female 43 years old, 170 cm in height, 90 kg in weight; BMI = 31.1