TECHNICAL SPECIFICATIONS

POWER
Control Units: Power Input: 320 V AC - 110 V AC 50 Hz / 60 Hz
W-500: 150 Watt 24 Volt AC
W-300: 150 Watt 24 Volt AC
W-150: 150 Watt 24 Volt DC

TEMPERATURE OUTPUT RANGE
35°C (95°F) to 104°F (40°C) in steps of 0.1°F (Temperature settings up to 42°C can be adjusted upon request). High Temperature Safety Cut Off Point at 42°C (107°F).

<table>
<thead>
<tr>
<th>TYPE</th>
<th>SIZE</th>
<th>WEIGHT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control Units:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W-500</td>
<td>187x282x47 mm</td>
<td>5.80 kg</td>
<td>Dual Channel</td>
</tr>
<tr>
<td>W-300</td>
<td>187x282x47 mm</td>
<td>5.50 kg</td>
<td>Single Channel</td>
</tr>
<tr>
<td>W-150</td>
<td>187x282x47 mm</td>
<td>4.40 kg</td>
<td>With Adapter</td>
</tr>
<tr>
<td>W-150T (L)</td>
<td>187x282x47 mm</td>
<td>2.30 kg</td>
<td>With Battery</td>
</tr>
<tr>
<td>W-150T (S)</td>
<td>187x168x47 mm</td>
<td>2.30 kg</td>
<td>With Battery</td>
</tr>
</tbody>
</table>

Warming Mattresses:
- W.MS: 190x50x3 cm (with foam) 3.60 kg
- W.MS: 190x50x3 cm (no foam) 3.30 kg
- W.MS: 120x50x3 cm (with foam) 2.70 kg
- W.MS: 120x50x3 cm (no foam) 2.00 kg
- W.MS: 150x50 cm 1.90 kg
- W.MS: 120x50 cm 1.40 kg
- W.MS: 80x50 cm 1.20 kg

Blankets:
- IM-100: 190x100 cm 3.20 kg
- IM-100: 180x50 cm 1.50 kg
- IM-100: 150x45 cm 1.00 kg
- IM-100: 120x60 cm 1.00 kg
- IM-100: 100x60 cm 1.00 kg
- IM-100: 85x55 cm 2.30 kg
- IM-80: 80x70 cm 1.20 kg

Extension Cable Length: 2.5 m  Pad Cable Length: 1 m

ALARMS
- Power Alarm: Activated if power is cut off or the power cord is disconnected when the unit is turned on.
- Pad Alarm: Activated when the connection between the controller and the mattress is cut off.
- High Temperature Alarm: High temperature alarm is sounded once the temperature goes over the system limit of 42°C.
- High Deviation Alarm: If the temperature goes - 1.5°C over the set temperature, high deviation alarm is sounded.

COMPLIANCE
EN60601-1 Type BF
EN60601-1-3 Electrical Safety Requirements for medical devices
93/42/EC Medical Device Directive, Class I
89/686/EC LVD Low Voltage Directive
2004/108/EC EMC Electromagnetic Compatibility
EN 1601 Medical Devices: Application of risk management
EN 980 Symbols used for labelling of Medical Devices
EN 80661-2-35 Requirements for the basic safety and essential performance of Heating Devices

ENVIRONMENTAL
Ambient Temperature (Operating): 15°C - 40°C
Ambient Temperature (Storage): -10°C - 55°C
Relative Humidity: 40% - 80%

For Better Clinical Care
PATIENT WARMING SYSTEMS

MEDWARM

For Better Clinical Care
PATIENT WARMING SYSTEMS

MEDWARM
Why Should You Choose Patient Warming Systems?

Importance of Patient Warming

Hypothermia is a condition in which the body's core temperature falls below the normal range of 36.5°C to 37.5°C, leading to decreased metabolic function and reduced oxygenation. Hypothermia can occur in various settings, including the operating room, intensive care units, and emergency departments. Our patient warming systems use state-of-the-art technology and the latest developments in carbon fiber materials and microprocessors to avoid hypothermia in operation rooms, neonatal intensive care departments, maternity wards, as well as orthopedic departments and ambulances, resulting in the peripheral temperature of the patient coming down the necessary temperature, thereby improving the patient's condition.

Our Patient Warming Technology

Patient warming systems use state-of-the-art technology and the latest developments in carbon fiber materials and microprocessors. The primary causes of perioperative hypothermia include administration of anesthetic drugs and fluids, end-thermic temperature maintenance in perioperative rooms, perioperative patient care, and ultrafast patient transport through sterilization zones.

High-level Safety

Warming patient warming systems are installed with a Dual Safety feature. Each system is controlled by a separate microprocessor, one available in the control unit and the other on the mattress/blanket. Two microprocessors control the heating system independently. This way, even if a microprocessor fails, the other microprocessor will act as a fail-safe and protect the whole system from any kind of overheating. The maximum target temperature is set at 32°C, and the heating process is automatically turned off once the target temperature is reached.

Comfortable and Easy to Use

Warming patient warming systems are comfortable and easy to use. The viscoelastic foam used inside the warming mattress prevents decubitus ulcers, which may occur on patients with prolonged stay during operations or recovery. Soft and lightweight blankets can easily cover the patient and provide a comfortable warming experience. Carbon fiber material used as the heating element in our mattresses and blankets allows for complete homogeneous warming. Our systems work silently with digital LED displays to adjust view set and measured temperature values. All these features provide a high level of functionality and ease of use for the professional personnel.

Easy to Clean

All our products are completely sealed and water proofed against all liquids. They are also easily cleanable. We offer a wide range of disposable and reusable covers which are made from light, soft and healthy PU (Polyurethane). Polyurethane is permeable to air and vapor and provides protection against all liquids.

Transport Option with Battery

Our transport systems can provide warming without requiring a constant power connection on its own battery for around 3-4 hours. This unique feature makes our product one of the kind in the market by playing an essential role in various scenarios, such as during operating procedures. It allows us to provide warming during the patient's transfer across hospitals or other long distances. Our transport warming mattresses and blankets provide the ability to warm patients on the spot during hospital transfers or at the site of various accidents on the land or even in the sea by increasing the patients' peripheral temperature and avoiding hypothermia and additional complications that come with it.

Environment Friendly

Our systems operate on low voltage requirements (24 Volts DC - 24 Volts AC) which is cost efficient and technologically safe for patients and operators. All our systems are reusable, and the disposable emissions are kept at a minimal level, hence protecting the environment.

Wide Variety of Products

All our mattresses and blankets are available in a wide variety of sizes and dimensions for adults, pediatric patients and neonates to answer all our clients' clinical needs and requirements. Additional accessories such as the control stand, wall hanging unit, IV support bracket and extension cables at various lengths provide extensive flexibility to clinical personnel during operation.

Ability to Monitor Patient's Body Temperature

Warming patient warming systems also provide the position to measure and monitor the patient's body temperature during warming.

Affordable Pricing

All our products are well priced and extremely affordable in comparison to other products available in the market.