

Reliable

Our state-of-the-art microprocessor control provides precise and accurate readings, and contributes to long-term, trouble-free operation. We are so confident in the performance of the Medi-Therm 7912 that we back it with a two year limited warranty on the machine and a five year limited prorated warranty on the compressor.

Safe

The Medi-Therm 7912 has dual over-temperature systems that increase patient safety.

Effective

Rapid thermal response speeds treatment. Medi-Therm 7912 responds rapidly to provide quick and effective therapy. Separate heating and cooling reservoirs permit fast heating and superior cooling rates to achieve the desired therapy according to your patients' needs.



Specifications: Medi-Therm® 7912

Dimensions:	94.0cm H x 47.6cm D x 35.6cm W
Weight:	73.9kg full, 66.2kg empty
Cabinet:	Shell 1.58mm: thick aluminum chassis; 16 Ga. Steel top; flame retardant ABS; 13cm conductive casters; downward air discharge; manual storage
Power:	ON/OFF switch w/ circuit breaker 16/3 SO power cord, 4.6m Hospital Grade plug 220-240 VAC, 6 Amps, 50 Hz 500 Watt heater 1/3 hp refrigeration system
Control:	Microprocessor Sealed front panel Self compensating temperature measurement, no periodic calibration required
Fluid System:	Distilled water, 9.5 L Separate hot and cold reservoirs Magnetically coupled pump 16 gph (60 lph) flow rate minimum with blanket
Refrigerant:	R-134a (Freon free)
Temperature	Water Range: 4°C–41°C
Control:	Patient Range: (Auto) 30°C–39°C
Warranty:	Two years limited-machine, five year limited prorated-compressor

Ordering Information:

Model No.	Description
MTA7912	Medi-Therm 7912 Hyper/Hypothermia Machine (220-240 VAC) (includes two DBK35CE Adaptor Hose (Clik-Tite® Connectors))
DBK35CE	Insulated Adaptor Hose 3.05m (Clik-Tite Connectors)
ADP10CE	Adaptor for Disposable Temperature Probe
DP400CE	Temperature Probe, Disposable
PAT101CE	Temperature Probe, Reusable, Esophageal/Rectal, Adult
PAT102CE	Temperature Probe, Reusable, Esophageal/Rectal, Pediatric
PAT108CE	Temperature Probe, Reusable, Skin Surface
MTA33	Germicide/Algicide

Test Accessories:

PRK2	Probe Simulator
TPT9	Flow Rate Meter
MT590	Test Tool

Mul-T-Blankets® Provide Maximum Efficiency

Gaymar's hyper/hypothermia blankets are available in a variety of sizes in order to meet your patients' needs. The two-sided blankets are designed for continuous single patient use.

Their clear polymer side allows for easy cleanup, while the nonwoven fabric side provides a softer, more absorbent surface.

Blankets are also available in:

- all polymer single patient use
- heavy duty reusable polymer



Unique Random Flow design allows for continuous flow and even temperature distribution.

Blanket/Body Wrap Ordering Information:

Model No.	Description
800 Series, Single Patient Use, Lightweight Polymer with Nonwoven fabric	
DHP810	64 x 163cm, Adult
DHP812	56 x 84cm, Pediatric
DHP813	76 x 163cm, Adult - Full Bed
900 Series, Single Patient Use, All Polymer	
DHP901	64 x 175cm, Adult
DHP902	64 x 84cm, Pediatric
Heavy-Duty Reusable, All Polymer	
HP7010	64 x 175cm, Adult
HP7020	64 x 84cm, Pediatric
Rapr•Round, Single Patient Use, Lightweight Polymer with Nonwoven Fabric	
DHV530	Vest, Chest sizes 81-117cm
DHV535	Vest, Chest sizes 117-137cm
DHL540	Leg, Right/Left, one size fits all adults

Clik-Tite® Connectors

Leak resistant connectors used with the 500, 800 and 900 Series, and reusable blankets. Required when blankets and body wraps are used in series



Gaymar's Medi-Therm 7912 Hyper/Hypothermia System delivers regulated cooling or warming therapy with microprocessor accuracy and reliability.

It's the optimal choice for patient temperature regulation.

MEDI-THERM® 7912 Hyper/Hypothermia System

Model Number MTA7912

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Medi-Therm® 7912

Precisely Controlled Patient Cooling and Warming

Gaymar®
Where quality care meets the bottom line.™

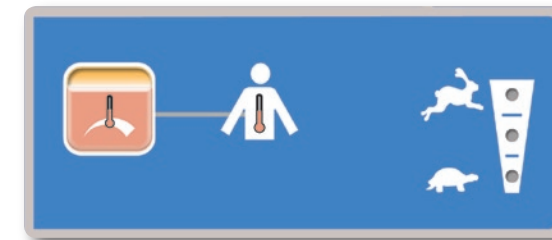
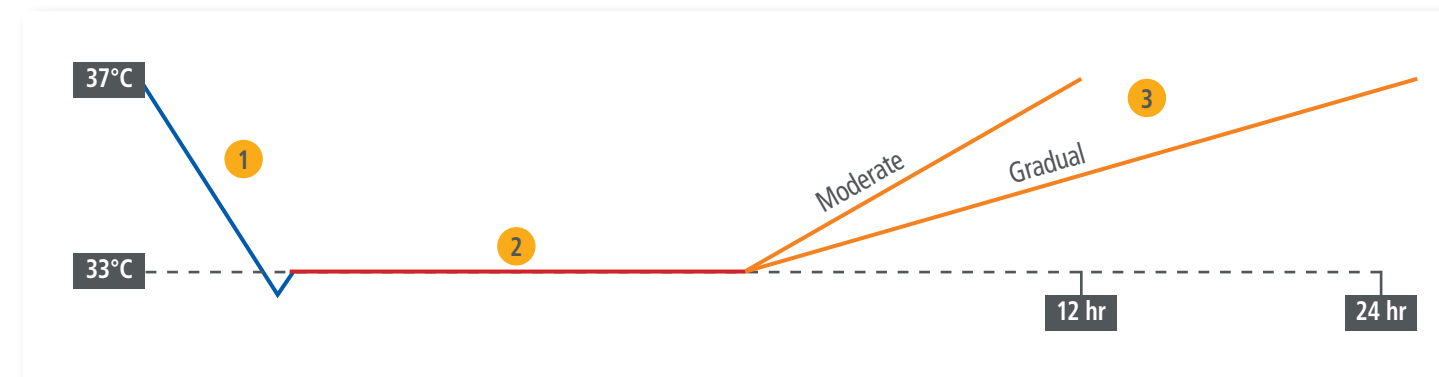
Clinical Applications

- In conjunction with Rapr•Round™ body wraps, cool patients rapidly, hold precise temperature control for an extended duration, warm patients at a slow controlled rate when required
- Actively cool febrile patients
- Helps maintain perioperative normothermia
- Actively rewarms trauma patients and acute hypothermia victims
- Provide cooling therapy for cerebral trauma and malignant hyperthermia patients

Easy to Use

- Control panel designed for intuitive, easy use
- Manual mode controls water temperature
- Automatic mode uses patient temperature to drive therapy
- Monitor mode displays accurate measurement of patient temperature only

The Medi-Therm® 7912 Offers Multiple Cooling and Warming Options



1. Cooling Phase

- Rapid Cooling mode as indicated per your protocol ^{1,2,3}
- Software designed to minimize any overshoot of the targeted patient temperature

2. Maintenance Phase

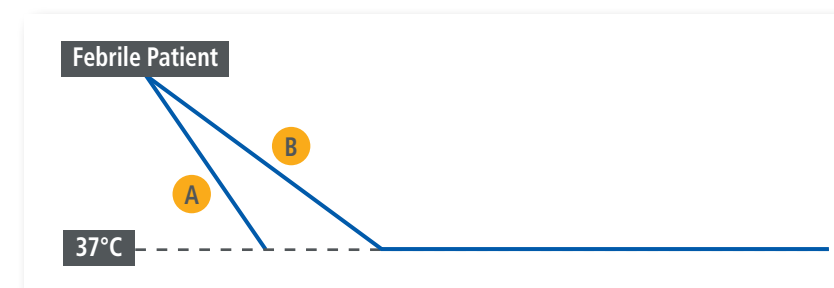
- Capable of maintaining hypothermia for the time required by your protocol

3. Warming Phase

- Moderate warms at a rate of 0.33°C/hr
- Gradual warms at a rate of 0.17°C/hr

Moderate and Gradual Cooling ^{*1}

Assists in prevention of shivering and ensures patient comfort



A. Moderate Cooling, 15°C

Differential between the actual patient temperature and water temperature

B. Gradual Cooling, 10°C

Differential between the actual patient temperature and water temperature

For a Complete Patient Cooling and Warming System,
Use Rapr•Round™ Body Wraps with the Gaymar Medi-Therm® 7912 Hyper/Hypothermia Unit



Up to 72% of the body is in contact with the body wrap

- Greater effectiveness in warming and cooling
- Increased skin surface contact, greater than standard modalities
- Increased heat transfer

Two sizes of Vests

- Will fit up to 90% of the adult patient population
- Only two items to stock

One size fits all Legs

- Ease of use, only necessary to stock one size of Leg Wrap, no right or left

Vest separate from the Legs

- Allows for flexibility in using the product
- Allows for easy patient access
- One product can be used in multiple hospital departments

Easy to apply

- No adhesives to adhere to the skin
- Simple Velcro® style closure
- Wraps move with the patient when repositioned



1. Caruso C, Hadley B, Shukla R, Frame P, Khoury J. Cooling effects and comfort of four cooling blanket temperatures in humans with fever. Nursing Research 1992; 68-72.
2. Hubbard R, Armstrong L, Young A, Rapid hypothermia subsequent to oral nicotinic acid ingestion and immersion in warm (30°C) water. American Journal of Emergency Medicine 1988; 6: 316-317.
3. Boggs R.L., Woolridge-King M., AACN Procedure Manual for Critical Care, 3rd edition, 443.