



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

☐ International: +1.716.662.8636 U.S.: +1.716.662.2551 ☐ www.gaymar.com


Temperature Management

Medi-Therm® 7912

Precisely Controlled Patient Cooling and

Clinical Applications

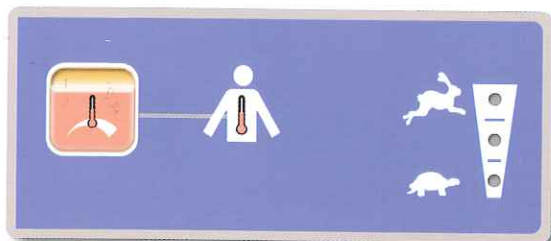
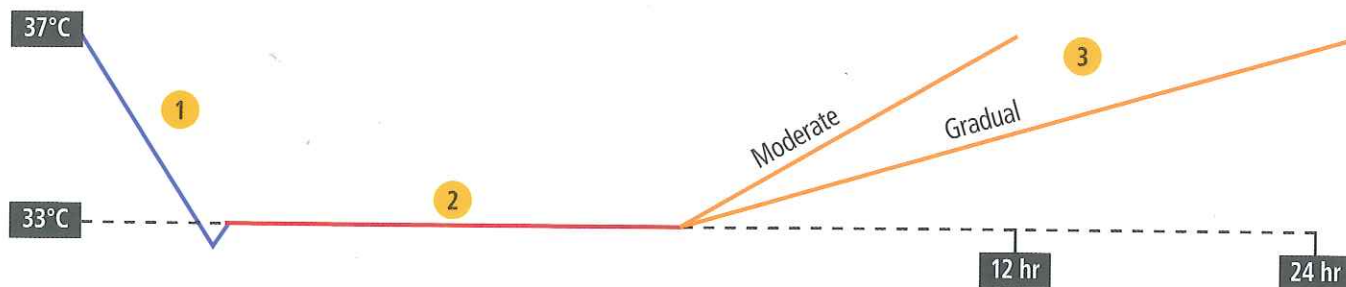
- In conjunction with Rapr•Round™ body wraps, cool patients rapidly, hold precise temperature control for an extended duration, warm patients at a slow controlled rate when required
- Actively cool febrile patients
- Helps maintain perioperative normothermia
- Actively rewarms trauma patients and acute 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 ^{*2,3}
- Software designed to minimize any overshoot of the targeted patient temperature

2. Maintenance Phase

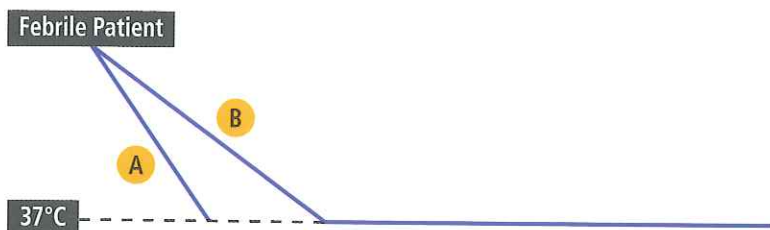
- Capable of maintaining hypothermia for the time required by your protocol

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

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.

Gaymar[®]

Where quality care meets the bottom line.[™]

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

 **GAYMAR[®]**
Temperature Management

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



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Temperature Management



Warming or cooling a patient can be a critical factor in achieving positive patient outcomes. Rapr•Round™ Body Wraps leverage existing circulating water technology combined with a unique design that literally wraps around the patient. Compared to conventional water blankets this design increases the area of body surface contact and, therefore, is a more efficient warming/cooling system.

The Rapr•Round is effective for inducing and maintaining mild hypothermia, rewarming and temperature management of febrile patients. Used with the Gaymar Medi-Therm® hyper/hypothermia unit, the system provides clinically effective therapy at a cost effective price.

RAPR•ROUND™ Hyper/Hypothermia Body Wraps

DHV530 – Small/Medium Vest DHV535 – Large Vest DHL540 – Leg

□ U.S.: 1.800.828.7341 Canada: 1.800.203.4293 716.662.2551 □ www.gaymar.com

 **GAYMAR®**
Temperature Management

Rapr•Round™ for the management of hyper/hypothermia

Features

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

Conductive (water) Technology

Non-woven fabric against the patient

Two sizes of Vests

One size fits all Legs

Vest separate from the Legs

Easy to apply

Benefits

- Greater effectiveness in warming and cooling
- Increased skin surface contact, greater than standard modalities
- Increased heat transfer
- As a heat conductor, water is four times more effective than air
- Gentle on the skin
- No sheet between the Body Wrap and the patient required
- Will cover up to 90% of the adult patient population
- Only two items to stock
- Ease of use, only necessary to stock one size of Leg Wrap, no right or left
- Allows for flexibility in using the product
- Allows for easy patient access
- One product can be used in multiple hospital departments
- No adhesives to adhere to the skin
- Simple Velcro® style closure
- Wraps move with the patient when repositioning occurs

Ordering Information

Catalog Number	Description	Packaging
DHV530	Small / Medium Vest chest sizes 32–46 inches	5 Vests per case
DHV535	Large Vest chest sizes 46 inches and greater	5 Vests per case
DHL540	Leg (right or left) one size fits all (for adults)	10 Legs (5 sets) per case

Single patient use • Latex free

Gaymar Industries, Inc.

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For a complete patient warming and cooling system, use Rapr•Round Body Wraps with the Gaymar Medi-Therm® hyper/hypothermia unit.



Gaymar provides a comprehensive range of Temperature Management and Pressure Ulcer Management products. To order or inquire, call Gaymar's Customer Service Department at 1.800.828.7341.


Temperature Management