

# Medi-Therm®

### Specifications: Medi-Therm

Dimensions	37" H x 14" W x 18-1/4" D (94 x 36 x 46 cm)
Weight	141 lbs. (64 kg) full; 121 lbs. (55 kg) empty
Cabinet	Shell .063": thick aluminum chassis; 16 ga. steel top; flame retardant ABS; 5" (13 cm) conductive casters; downward air discharge; manual storage
Power	ON/OFF switch w/circuit breaker 16/3 SO power cord, 15 ft. (4.6 m) Hospital-grade plug 120 VAC, 11.5 amps, 60Hz 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, 10 qt. (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 Control	Water Range: 4°C-42°C (39.2°F-107.6°F) Patient Range (Auto): 30°C-41°C (86°F-105.8°F)
Warranty	Machine: Two years limited Compressor: Five years limited prorated

### Ordering Information: Medi-Therm Test Accessories

Model No.	Description
PRK2	Probe Simulator
TPT9	Flow Rate Meter
MT590	Test Tool

### Ordering Information: Rapr-Round™ Body Wraps

DHV530	Small/medium vest Chest sizes: 32"-46" (81-117 cm) 5 vests per case
DHV535	Large vest Chest sizes: 46"-54" (117-137 cm) 5 vests per case
DHL540	Leg (right or left) One size fits all (for adult) 10 legs (5 sets) per case

Gaymar Industries, Inc.  
10 Centre Drive  
Orchard Park, NY 14127  
Toll Free 1.800.828.7341  
Fax 1.800.993.7890  
International +1 716.662.8636  
International Fax +1 716.662.0730

Available in Canada through  
Waterloo Bedding Co.  
A Division of Gaymar Industries, Inc.  
825 Trillium Drive  
Kitchener, ON N2R 1J9  
Toll Free: 1.800.203.4293 519.742.4447  
Fax: 519.742.3699

[www.gaymar.com](http://www.gaymar.com)

### Ordering Information: Medi-Therm

Model No.	Description
MTA7900	Medi-Therm 7900 hyper/hypothermia machine (120 VAC). Includes two DBK9 adapter hose (Clik-Tite® connectors) and one AP10CE adaptor for disposable temperature probe
DBK9	Adapter hose (Clik-Tite connectors)
DBK35CE	Insulated adaptor hose 10 ft. (3.05 m) (Clik-Tite connectors)
DBK9CC	Adaptor hose (Colder® connections)
HBX8	Extension hose, 8 ft. (2.43 m) (Clik-Tite connectors)
ADP10CE	Adaptor for disposable temperature probe
DP400CE	Temperature probe, disposable, esophageal/rectal
PAT101	Temperature probe, reusable, esophageal/rectal, adult
PAT102	Temperature probe, reusable, esophageal/rectal, pediatric
PAT108	Temperature probe, reusable, skin surface
MTA33	Germicide/Algaecide

### Ordering Information: Blankets

600 Series, single patient use, lightweight polymer with non-woven fabric, Colder connectors (10 per case)	
DHP610	25"W x 64"L (63x 162 cm), adult
DHP612	22"W x 33"L (55 x 83 cm), pediatric
DHP613	30"W x 64"L (76 x 162 cm), adult/full bed

800 Series, single patient use, lightweight polymer with non-woven fabric (10 per case)	
DHP810	25"W x 64"L (63 x 162 cm), adult
DHP812	22"W x 33"L (55 x 83 cm), pediatric
DHP813	30"W x 64"L (76 x 162 cm), adult/full bed

900 Series, single patient use, all polymer ( 5 per case)	
DHP901	25"W x 69"L (63 x 175 cm), adult
DHP902	25"W x 36"L (63 x 91 cm), pediatric

Heavy-duty reusable, all polymer (1 per case)	
HP7010	25"W x 69"L (63 x 175 cm), adult
HP7020	25"W x 36"L (63 x 91 cm), pediatric



# Medi-Therm® Hyper/Hypothermia System

CONDUCTIVE TEMPERATURE THERAPY SYSTEM

The optimal choice for patient temperature regulation from Gaymar.  
Innovation in Hyper/Hypothermic systems for over 40 years.



- Precise cooling and warming
- Maintains normothermia
- Reduces fever
- Automatic mode for reduced nurse intervention
- Provides both rapid cooling and controlled rewarming
- Complete system with Rapr-Round™ body wraps
- Patient/Temperature feedback loop
- Cost effective to meet your budget needs



# Medi-Therm®



The support you deserve. The innovation you need.

You're dedicated to medical excellence. We're dedicated to supporting you with the latest in patient temperature management solutions.

A superior alternative to traditional temperature management techniques, the Medi-Therm® — used with Rapr-Round™ body wraps — offers you precise control and rate controlled warming. Advanced proprietary software provides precise control to achieve set points. The additional controls reduce nursing intervention time.

The Medi-Therm from Gaymar controls the temperature of the water circulating through the Rapr-Round body wraps via a patient/temperature feedback loop. The patient can be cooled, warmed or be kept normothermic as the pads transfer heat from the patient without the risk of DVT, insertion site bleeding or infection associated with catheters.

## Clinical

- Controls for precise cooling and warming
- Maintenance-free, rate-controlled rewarming
- Cools febrile patients
- Helps maintain perioperative normothermia
- Easy patient access
- Less risk of infection — non-invasive, catheter-free
- Dual over-temperature systems
- Rapid initiation — staff can commence therapy in minutes

## Economical

- Cost-effective system to meet your budget needs
- Automated operation requires less nursing intervention
- Two-year limited machine warranty
- Five-year limited prorated compressor warranty

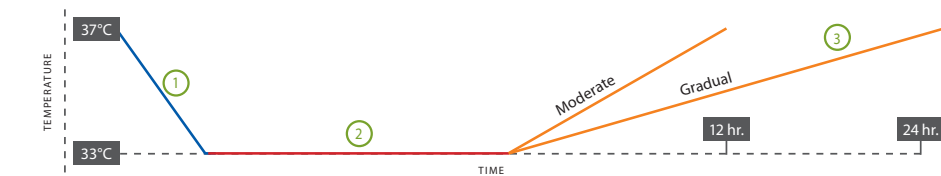
## Technical

- Intuitive control panel for enhanced ease of use
- Multiple modes for both cooling and heating
- Designed for nurse-managed protocols
- State-of-the-art microprocessor control
- Separate heating and cooling reservoirs for rapid thermal response

## The Medi-Therm® 7900 Offers Multiple Cooling and Warming Options

### 1 Cooling

- Rapid mode uses the coldest water available. Moderate incorporates a 15°C differential between the water temperature and patient temperature. Gradual uses a 10°C differential.
- In Rapid or Moderate modes, when the patient temperature is equal to or less than 1°C from the patient set point, the unit will limit the output water temperature to 10°C below the patient temperature.
- Stabilizes patients at their target temperatures quickly.
- Less chance of patient shivering.



### 2 Maintaining Temperature

- Patient temperature maintained at set point per protocol (+ or - .5°C).

### 3 Warming

- Accommodates automatic warming intervals.
- Clinician chooses the desired patient temperature and then chooses Moderate (approximately 12 hours) or Gradual (approximately 24 hours) mode\*.

\* Based on 170 lb. (77 kg) patient.

\* Cooling and warming should be conducted in accordance with practitioner or facility developed protocols.

**Visual/audible alerts**  
provide indication of faults or possible system concerns

**Patient temperature**  
displayed in all modes

**Water temperature**  
displayed in Manual mode

**Six automatic options**  
Rapid, Moderate or Gradual for warming and cooling

**One-touch Celsius/  
Fahrenheit selection**

**Set point**  
allows temperature to be adjusted per protocol



## Rapr-Round™ Body Wraps

A complete patient cooling and warming system

Warming or cooling a patient is often a critical factor in achieving positive outcomes. Compared to conventional water blankets, Rapr-Round™ body wraps offer a more efficient warming/cooling system while increasing the area of body surface contact.

### Increased Skin Surface Contact

- Precise warming and cooling with approximately 60% of body surface coverage
- More efficient warming and cooling than a flat blanket or ice packs
- Increased heat transfer

### One Size Fits All Legs

- Only necessary to stock one size of leg wrap; no right or left
- Lower back leg profile for patient access

### Easy To Apply

- Simple Velcro®-style closure — nothing adheres to the skin
- Wraps move with the patient when repositioned
- Single patient use, 10-12 days

### Designed With Clinical Input

- Lower profile chest allows quick visibility to IV lines, EKG and easy patient access
- One product can be used in multiple hospital departments
- Permits bony prominences to be in contact with specialty support surfaces
- Non-woven material provides gentle, non-adhesive contact layer that eliminates use of sheet between body wrap and patient skin

### Two Vest Sizes

- Fits up to 90% of all adults
- Less inventory to stock

### Cost-Effective Compared To:

- Invasive (catheter) disposables
- Adhesive gel disposables
- Other body wrap systems