



*Solid State Technology*

# Moist Heat Therapy Pad



**Revolutionary Solid State Design Sets New Standards for Performance and Patient Safety.**

- *Self-hydrating pad delivers safe, convenient moist heat therapy*
- *Patented conductive heat technology eliminates heater wires*
- *“Set and Forget” CPU controller with 10 preset treatment modes*
- *Solid state design ensures safe and reliable pad performance*
- *Hermetically sealed for easy cleaning and maintenance*

## Moist Heat Therapy



ThermalOn® Solid State Moist Heat Therapy Pads provide deeper heat penetration than dry heat alone. Their proprietary natural hydration covers supply essential moisture at lower and safer heat levels, compared to other “intense” heat products.

These pads deliver reliable, safe and effective relief from muscle aches, arthritis and joint pain without the need for moist heat pad cabinets such as the Hydrocollator®, and their time consuming procedures. By increasing blood flow to injured areas, moist heat therapy can help to accelerate healing and reduce rehabilitation time. Treatments adhere to prescribed analgesic temperature range with each use.

ThermalOn® Therapy Pads are ready whenever and wherever moist heat therapy is prescribed.

## Solid State CPU Control



The CPU control with LED display offers 10 preset modes for a complete range of treatment options. Microprocessor technology receives information from the thermistors and responds instantly to maintain the selected treatment settings, ensuring reliable and effective treatment with every use.

The 10 ft. (3m) cord allows flexibility during treatment.

### 10 Preset Treatment Modes:

- THERAPY** (High, Medium, Low)
- THERAPY 1** (High, Medium, Low) + 1 hour\*
- THERAPY 2** (High, Medium, Low) + 2 hours\*
- COMFORT** 2 hours\*

*\*Continuous Low Level Heat*

High: 140° (60°C) Medium: 125° (52°C) Low: 115° (46°C) Comfort: 105° (41°C)

The **THERAPY** Setting provides 30 minutes of moist heat therapy at either a high, medium or low temperature setting. To augment a therapy session, an additional one or two hours of continuous, low level heat may be automatically added to the treatment time. The **COMFORT** setting delivers two hours of low level continuous heat.



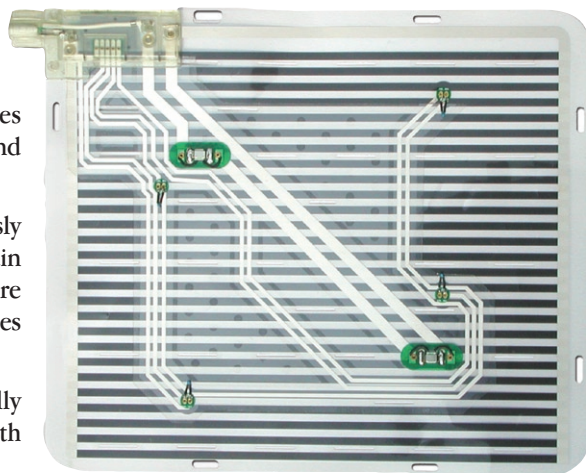
The **ThermalOn®** Solid State Moist Heat Therapy System is the only self-hydrating electric heating pad that is UL Listed.

## Solid State Heating Unit

ThermalOn® Solid State Moist Heat Therapy Pads utilize a patented Conductive Ink Technology that eliminates dangerous heater wires and thermostats, ensuring safe and reliable pad performance.

Solid state thermistors continuously monitor each quadrant to maintain selected heat levels across the entire pad surface. Two fail-safe thermal fuses provide additional safety.

The heating unit is hermetically sealed and can be safely cleaned with normal antiseptic solutions.



## Natural Hydration Covers

Proprietary natural hydration covers provide essential moisture at lower, safer heat levels. Covers are weighted to ensure drape and conformity for maximum therapeutic benefit. Pad Covers are washable and are made of durable polyester fabric.

## Two-Piece Hydration Cover System (Clinical Model)

Unique 2-piece cover system has been developed specifically for use in professional settings. The **Heating Unit Cover** is weighted to provide drape and conformity during treatment. The **Hydration Treatment Pad** attaches to the Heating Unit Cover with hook and loop and is easily changed out and laundered between patients. The Hydration Treatment Pad cover constantly acquires and stores moisture from the air that is naturally released when heated. Pads and covers are available for individual reorder.

Hydration Treatment Pad attaches to the Heating Unit Cover with hook and loop, allowing easy change out and laundering between patients.

Heating Unit Cover provides superior drape and conformity.

Hydration Treatment Pad provides natural hydration.

Heating Unit easily slips into washable pad cover.



## ThermalOn® safely delivers target range temperatures for the appropriate duration.

Recent studies show that electrical heating pads are just as effective as other modalities in the delivery of therapeutic moist heat. Studies also confirm that moist heat is more effective than dry heat for analgesia. ThermalOn® Solid State Moist Heat Therapy pads end the guesswork in delivering moist heat therapy whether at home or in the clinic.

Research shows that the skin must reach a temperature between 104° and 113°F (40° and 45°C) for maximum therapeutic benefit. Damage can occur when **skin temperature** exceeds 115°F (46°C), so temperature control during therapy sessions is critically important.

Analysis of skin temperatures in a variety of treatment settings provides a target range for the application of heat. Data suggests that pad temperatures should fall between 114° and 146°F (46° and 63°C) to elevate skin temperatures to the therapeutic range of 104° to 113°F (40° to 45°C). Once this temperature is achieved, a 30 minute treatment session is recommended. ThermalOn® pads reliably deliver temperatures in this range.

## THERMALON® SOLID STATE MOIST HEAT THERAPY PADS

*Solid state design safely delivers superior performance.*



Home Model



Clinical Model

ThermalOn® Solid State Moist Heating Pads are available in two models. Both models feature washable polyester covers that are available for individual reorder. The thick, blue Heating Unit Cover provides superior conformity and drape while natural hydration is delivered by the Hydration Treatment Pad. Both models have a pad size of 13" x 14" (33 x 36cm).

The **Home Model** (NC70390) features a single-piece cover design (NC70390-1) that easily slips over the heating unit to provide natural hydration during treatment.

The **Clinical Model** (NC70391) features a two-piece cover system (NC70391-1) developed specifically for use in professional settings. The system includes a multi-use Heating Unit Cover (NC70391-2) and a detachable Hydration Treatment Pad (NC70391-3). The treatment pad attaches with hook and loop and is easily changed out between patients. Clinics and practitioners will find this system efficient and cost effective.

*ThermalOn® is a trademark of Bruder Healthcare Company. Patents issued.*

NC70390 Home Model

NC70391 Clinical Model

Replacement Components

NC70390-1 Home Use Cover

NC70391-1 Clinical Use Cover & Detachable Treatment Pad

NC70391-2 Clinical Use Cover

NC70391-3 Clinical Use Detachable Treatment Pad



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