



# CRITICOOL<sup>®</sup> MINI

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TARGETED TEMPERATURE MANAGEMENT



## TARGETED TEMPERATURE MANAGEMENT



EMERGENCY



INTENSIVE CARE



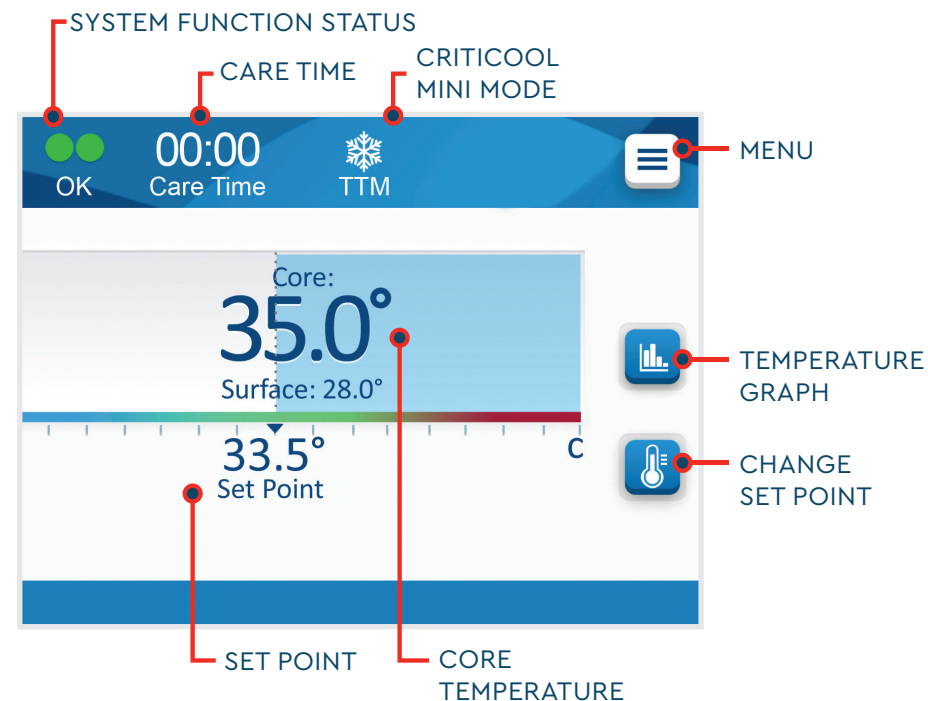
NEONATOLOGY

## CRITICOOL® MINI





### TARGETED TEMPERATURE MANAGEMENT

CritiCool MINI builds on the success of the original CritiCool® by offering a compact and portable design. Functioning as a thermal regulating system, CritiCool MINI precisely measures the patient's core temperature through the temperature probes every 133 milliseconds. The system automatically adjusts temperature based on programmable set point temperature, with a preset option of 33.5°C. CritiCool MINI pairs with the same proprietary, single-patient CureWrap garment as the original CritiCool to provide uncompromising control, comfort, and flexibility.

### USER-FRIENDLY TOUCH SCREEN



### TARGETED TEMPERATURE MANAGEMENT HAS NEVER BEEN EASIER

-  **SET**  
Select the desired temperature set point
-  **WRAP**  
Apply the CureWrap garment
-  **COOL**  
Initiate fast cooling
-  **REWARM**  
Manage controlled rewarming



### COMPACT DESIGN, COMPLETE TREATMENT

#### SAFE

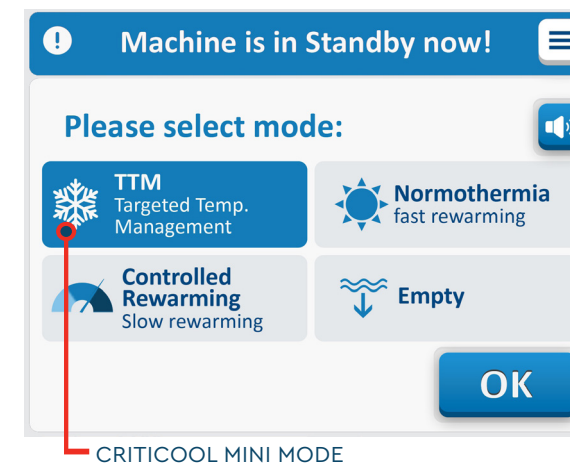
- Unmatched ease of use in set up and operation with programmable set point temperature, easy filling, clear alarm messages, and only 2 pushes of a button to start TTM.
- Promotes skin health by frequently monitoring patient core temperature every 133 milliseconds and avoiding extremes in water temperature with 0.1°C adjustments.
- Controlled Rewarming Mode gradually rewarms patients in a stepwise fashion at the rewarming rate chosen by the clinician.

#### PORTABLE

- Functional on battery for up to 60 minutes
- Lightweight with minimal footprint
- Fits different shelving options for easy storage

#### EFFECTIVE

- Intuitive user interface with color touchscreen
- Automatic and stable temperature regulation
- Built-in data viewer with data export capabilities
- Core out functionality for temperature sharing



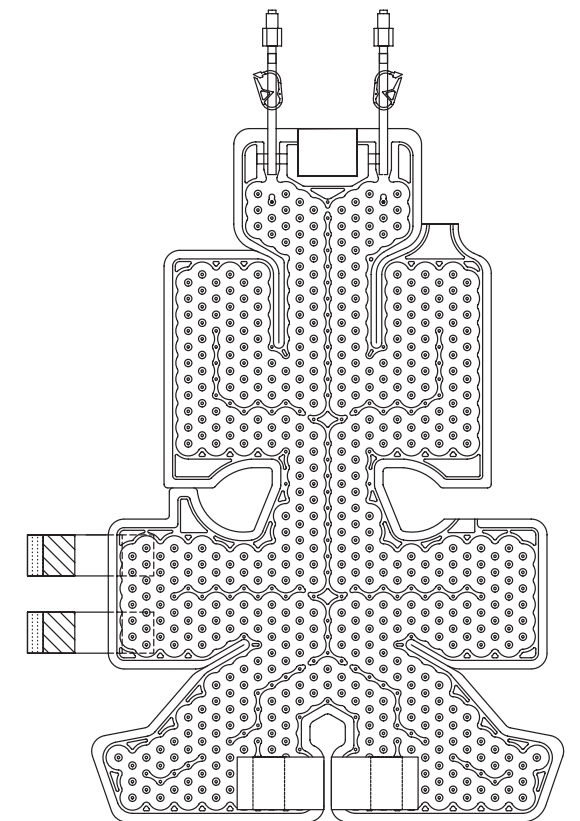
## CUREWRAP®

### DESIGNED WITH YOUR PATIENT IN MIND

CureWrap's flexible configurations facilitate wrapping of individual parts of the body to maximize effectiveness, with up to 80% body surface area coverage.

- Flexible, soft mesh material with built in pressure relief channels provide patient comfort and promote skin health
- Easily secured via pressure sensitive strips which adhere to the garment and not the patient
- Available in a range of sizes to accommodate your patient's anatomy

### INFANT CUREWRAP



## ORDERING INFORMATION

### CONTROL UNIT

(NOT AVAILABLE FOR SALE IN THE UNITED STATES)

CritiCool® MINI (115V)

Part #100-00023

CritiCool® MINI (230V)

Part #100-00024

### CRITICOOL MINI ACCESSORY KIT (Select one only for each unit)

#### ACCESSORY KIT FOR REUSABLE TEMPERATURE SENSORS

Part #200-00200

(AVAILABLE IN SELECT MARKETS)

The Reusable Kit contains:

- \* Reusable Core Temperature Probe, Infant Part #014-00005
- \* Reusable Surface Temperature Probe Part #014-00021
- \* Filter unit Part #200-R0130
- \* Connecting Water Tubes (2 by 2 way) Part #200-00109
- \* Core Out Adapter Cable Part #014-00012

#### ACCESSORY KIT FOR DISPOSABLE TEMPERATURE SENSORS

Part #200-00201

The Disposable Kit contains:

- \* Core Adapter Cable Part #014-00028
- \* Surface Adapter Cable Part #014-00324
- \* Connecting Water Tubes (2 by 2 way) Part #200-00109
- \* Core Out Adapter Cable Part #014-00012

Note: Disposable Temperature Probes must be ordered separately

### ACCESSORIES

Disposable Core Temperature Probe, 9FR, Smiths Medical Part #014-00035

Disposable Core Temperature Probe, 7FR, Metko Part #014-00036

Disposable Surface Temperature Probe, 3.5mm Mono Jack Connection, Metko Part #014-00323

CliniLogger™ (optional) Part #017-00250

### CUREWRAP®

Each box contains 8 CureWraps:

- 2.5-4 kg (5.5-8.8 lb) Part #508-03518
- 4-7 kg (8.8-15.4 lb) Part #508-03521
- 2.5-7 kg (5.5-15.4 lb) (Assorted) Part #PED-SM008

## HARDWARE SPECIFICATIONS

### HEAT EXCHANGERS

Peltier Technology (TECs)

### WATER TANK

Sterile or 0.22 micron filtered tap water

Tank Capacity: 1.2 liters (3.2 gal.)

### WATER TEMPERATURE

Water Temperature Accuracy:  $\pm 0.3^{\circ}\text{C}$  ( $0.54^{\circ}\text{F}$ )

Water Temperature (Outflow):  $13-40.8^{\circ}\text{C}$  ( $55.4-105.4^{\circ}\text{F}$ )

### PUMP

Water Circulating Pump

Pump Rate: 1.2 liters/minute

Protected by 263 micron filter

### PATIENT TEMPERATURE CHANNELS

2 Channels: Core, Surface

Sensor Temperature Range:  $0^{\circ}\text{C}-45^{\circ}\text{C}$  ( $32^{\circ}\text{F}-113^{\circ}\text{F}$ )

Sensor Temperature Accuracy:  $\pm 0.3^{\circ}\text{C}$  ( $0.45^{\circ}\text{F}$ )

Core Out Temperature Sensor Range:  $16-45^{\circ}\text{C}$  ( $61-113^{\circ}\text{F}$ )

Core Out Temperature Sensor Accuracy:  $\pm 0.2^{\circ}\text{C}$  ( $0.36^{\circ}\text{F}$ )

### TEMPERATURE AND PRESSURE SENSORS

System Sensors:

- 3 Internal Temperature Sensors: Water in, Water out, Thermostat
- 2 Pressure Sensors

Safety Measures:

- Over pressure protection and alarm
- High water temperature protection and alarm

### PHYSICAL DIMENSIONS

384 mm W X 323 mm D X 216 mm H /

(15.11 in W X 12.71 in D X 8.5 in H)

### NET WEIGHT

11 kg / 24 lb

### ELECTRICITY INPUT POWER

100-240 VAC 50/60 Hz, 350 WATT

### BATTERY POWER

Lithium Ion 14.8 V / 10.4 A

### LCD COLOR TOUCHSCREEN

Size: 14.45 cm (5.7 in)

Resolution: 320x240

### CUREWRAP®

Single Patient Use

For more information about the products we offer,  
contact us at [sales@belmontmedtech.com](mailto:sales@belmontmedtech.com).



PATIENT  
WARMING



PATIENT  
COOLING



FLUID  
MANAGEMENT



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