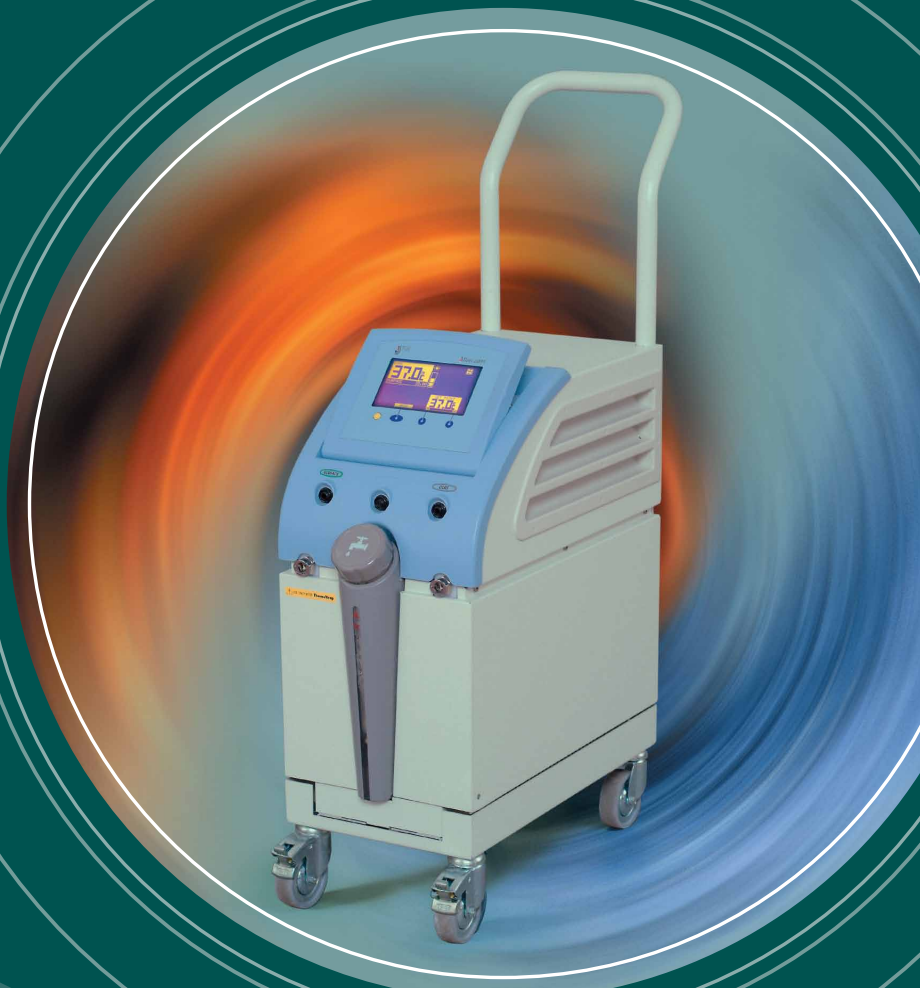
Allon® Control Unit

Advanced solution for precise body temperature management



The Allon Control Unit offers you the ability to prevent the adverse effects of hypothermia. Enabling **precise and continuous management of body temperatures**, the Control Unit allows you to achieve true **normothermia** (36.5°C - 37.5°C), induced hypothermia and precise rewarming. The Allon System has been proven more effective than any traditional patient warming system available today.

Allon Control Unit - How it Works

The physician types in the exact core temperature set point **and the Allon does the rest**, autonomously monitoring the condition of the patient's body temperature and adjusting the system, as required. Core and surface sensors strategically inserted and attached to the patient's body provide the Control Unit with continuous information regarding the patient's temperature, allowing the proprietary algorithms to imitate the hypothalamus function and automatically heat or cool the water in the patient's ThermoWrap to maintain the required temperature set point. The revolutionary system actually **extracts and interprets temperature trends** enabling the unit to **proactively set water temperatures** to meet the body's temperature requirement. The unit uses the **minimal water temperature** required to reach the desired temperature.

Read about our ThermoWrap™ models in our associated literature or contact one of our customer service representatives today.

Thermal Wrapping with the Allon® System

Allon® Control Unit

Advanced solution for precise body temperature management

The Allon® Control Unit

A sleek, highly efficient and advanced compact unit that can be comfortably included in the tightest medical facilites, the Allon Control Unit uses regular tap water and is completely portable.

Technical Specifications

Used with: All MTRE's ThermoWrap models
Dimensions: 260mmW x 625mmD x 940mmH / 10.23"W x 24.6"D x 37.0"H (Including handle)
Weight: 35kg / 77lb
Control System: Micro Processor, closed loop control
Electrical characteristics: 230V/50Hz 120V/60Hz
Working pressure: 0.4 bar, cut off pressure 0.8 bar
Core and surface temperature sensors: YSI 400 series, disposable and reusable
Set point temperature range: 30ºC - 40ºC / 86ºF - 104ºF
Water temperature range (outflow): 13ºC - 40.8ºC / 55.4ºF - 105.4ºF
Display: Swivel display presents: core, surface and set point temperatures; alarm mute and graphic display of core temperature.
Length of Connecting tubes: 2.5m
Safety standards and certifications: IEC 60601-1, IEC 60601-2-35, IEC 60601-1-2, UL 60601-1, C 22.2
Water type: Tap water

Allon® Control Unit features:

- Maintains normothermia of 36.5ºC - 37.5ºC
- Controls induced hypothermia and provides precise rewarming
- Physician presets targeted patient temperatures
- Real time dynamic feedback loop
- Proprietary temperature management algorithms
- Supports a wide range of perioperative procedures

Ordering Information

Part Number	Desciption
100-00001/2	Allon Control Unit
014-00020	Multi-use Core Sensor
014-00021	Multi-use Surface Sensor
014-00028	Core Sensor Adaptor
014-00029	Surface Sensor Adaptor
014-00005	Multi-use Infant Core Sensor

MTRE
A Member of Mennen Medical Group

Headquarters:
Mennen Medical Ltd.
4 Ha-Yarden Street,
Yavne, P.O. Box 102,
Rehovot 7610002, Israel
Phone: +972-8-9323333
Fax: +972-8-9328510

MTRE
A Member of Mennen Medical Group

United States:
Mennen Medical Corp.
290 Andrews Road,
Feasterville-Trevose,
PA 19053-3480, USA
Phone: +215 259-1020
Fax: +215 357-2010

CHARTER KONTRON

United Kingdom:
Charter Kontron Ltd.
Unit 18 Avant Business Center
21 Denbigh Road, Milton
Keynes MK1 1DT, UK
Phone: +44 1908 646070
Fax: +44 1908 646030

FDA Clearance

www.mtre.com

CE 0473

DLT-063-000 REV.A June 2010