



ACCURACY IMPROVES OUTCOMES

CoreTemp™

FLUID MANAGEMENT SYSTEM

Fluid management is medical intervention to achieve the right balance and condition of fluids to keep patients safe and stable.¹ Current practices to manage irrigation fluids are often manual, subjective and error-prone. Fluid warming and fluid volume tracking are key.²

FLUID WARMING

Maintaining patient normothermia should include the use of warm irrigation fluid for surgical procedures. Even mild inadvertent hypothermia can increase post-anesthesia recovery time, blood loss and morbid cardiac outcomes and lengthen hospital stays.³

FLUID VOLUME TRACKING

The Ecolab CoreTemp™ Fluid Management system is the first open-basin system which not only warms fluid but also automatically tracks basin fluid volume during surgery.



1. Trinoon, Crystal D., CRNA, MS & Michele E. Gold, CRNA, PhD. Impact of Goal-Directed Perioperative Fluid Management in High-Risk Surgical Procedures: A Literature Review. AANA Journal • October 2013 • Vol. 81, No. 52.
2. A. Lopez-Picado, Pharm. Determination of Perioperative Blood Loss: Accuracy or Approximation? International Anesthesia Research Society. July 2017 • Vol 125 • No. 1
3. Association of periOperative Registered Nurses (AORN) Recommended Practices Committee. Recommended practices for the prevention of unplanned perioperative hypothermia. AORN J. 2007 May; 85(5): 972-988

CoreTemp™

Fluid Management System



PIONEERING A NEW WAY

FLUID SHOULD BE WARM

As an active warming intervention to maintain patient normothermia, fluid should be warm and maintained at a known, safe temperature.

FLUID VOLUME SHOULD BE TRACKED

Tracking irrigation fluid volumes and accurately monitoring blood loss during invasive surgeries is essential for surgical teams to know how and when to intervene to keep patients safe and stable and avoid complications.

MANAGING FLUID SHOULD BE SIMPLE

To elevate and maintain a high standard of care for all patients undergoing invasive surgery, it must be easy for every nurse to consistently and accurately manage irrigation fluids.

ORDERING INFORMATION

PRODUCT CODE	DESCRIPTION	
CTW5L	CoreTemp Fluid Management Unit	5 Liter Basin Capacity
CTD100	CoreTemp Fluid Warming Drape, 142 x 142 cm, Sterile	24 per case
CTD200	CoreTemp Fluid Warming Drape, 142 x 157 cm, Sterile	24 per case

EQUIPMENT SPECIFICATION

Power: 120 VAC or 230 VAC Standard Cord Length: 7.6 meter	Temperature Scale: User selectable °C/°F Temperature Range: 20° to 49° ± 1°C	Height Adjustment: 91 to 122 cm
Fluid Volume: 100 ml increments	Equipment Mass, Unloaded: 20 kg	Min/Max Fluid Volume: 0.5 liter / 5.0 liter

FAST FLUID WARMING

Warms 1 liter of fluid from room temperature to body temperature in less than 10 minutes and features push-button control of the desired fluid temperature up to 49°C.

AUTOMATED FLUID VOLUME TRACKING

The basin acts as a weight scale and is smart enough to monitor and display basin fluid volumes in real-time.

SIMPLE DROP-AND-GO DRAPE

Drape is form-fitted to match the basin shape to simplify and speed the draping process.

HEIGHT ADJUSTMENT

The system quickly adjusts from 91 to 122 cm to easily align with back table heights or nurse preferences.

BUILT-IN PATIENT AND USER SAFETY

The smart system will not heat until the unit is draped and has fluid in the basin, while controlling a known temperature.

SMART AND INTUITIVE CONTROLS

An interactive control panel guides the user with step-by-step simplicity and displays fluid volume and temperature.