



The CLiC™ device is a non-invasive hematocrit, oxygen saturation and percent change in blood volume monitor used in the treatment of hemodialysis patients.

### Fluid Management

The CLiC device measures a continuous, accurate measurement of percent change in intravascular blood volume. This allows the clinician to remove the maximum amount of fluid while preventing common symptoms of dialysis (e.g., nausea, cramping, vomiting).

### Monitors Hemoglobin Status

Constant monitoring of hemoglobin is important for managing anemia in hemodialysis patients. The CLiC device allows continuous, real-time measurement of hematocrit and calculation of hemoglobin levels during hemodialysis.

### Continuous Oxygen Saturation

Provides continuous, accurate measurement of oxygen saturation.



For more information about the CLiC device, call 1-800-662-1237



# Specifications

Dimensions . . . . .	1.75"H, 1.00"W, 3.00"L		
Weight . . . . .	0.25 lbs.		
Cable Length . . . . .	42"		
Storage and Operating Conditions . . . . .	50°F – 104°F (10°C – 40°C)		
Transportation Conditions . . . . .	Avoid extreme temperatures <-40°F and >257°F (<-40°C and >125°C)		
Oxygen Saturation Instrument Range & Accuracy . . . . .	<b>@ Hct</b>	<b>Accurate within ± 3%</b>	<b>Accurate within ± 5%</b>
	45 – 60	60 – 100	50 – 100
	20 – 45	50 – 100	30 – 100
	10 – 20	Not Specified	40 – 100
Hematocrit Instrument Range & Accuracy . . . . .	10 Hct – 60 Hct: ± 1 Hct SD		
Power . . . . .	5VDC / MAX 0.36A, USB bus powered Water Ingress Protection IPX0 (CLiC device) IPX I (2008T hemodialysis machine)		
Anesthetic Suitability . . . . .	Not suitable		
Modes of Operation . . . . .	Continuous or Standby		

**Note: The CLiC device is a Clinical Laboratory Improvement Amendment (CLIA) exempt instrumentation device.**



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**Indications for Use:** The CLiC device is used with the 2008T hemodialysis machine to non-invasively measure hematocrit, oxygen saturation and percent change in blood volume. The CLiC device measures hematocrit, percent change in blood volume and oxygen saturation in real time for application in the treatment of dialysis patients with the intended purpose of providing a more effective treatment for both the dialysis patient and the clinician. Based on the data that the monitor provides, the clinician/nurse, under physician direction, intervenes (i.e., increases or decreases the rate at which fluid is removed from the blood) in order to remove the maximum amount of fluid from the dialysis patient without the patient experiencing the common complications of dialysis which include nausea, cramping and vomiting. The CLiC blood chamber is a sterile, single use, disposable, optical cuvette designed for use with the CLiC monitor's sensor clip during acute and chronic hemodialysis therapy to non-invasively measure hematocrit, percent change in blood volume and oxygen saturation. The blood chamber is connected between the arterial bloodline and the dialyzer within the extracorporeal circuit during the hemodialysis treatment. The 2008T hemodialysis machine is indicated for acute and chronic dialysis therapy.

**Caution:** Federal (US) law restricts this device to sale by or on the order of a physician.

**Note:** Read the Instructions for Use for safe and proper use of this device. For a complete description of hazards, contraindications, side effects and precautions, see full package labeling at [www.fmcna.com](http://www.fmcna.com).