

Model 3000 Intravenous Fluid Warmer

Model 3000 Intravenous Fluid Warmer (FDA K921395)

One of the advantages of warmed IV Fluids at normal body temperature is the improved absorption of administered medications (+/- 10% per degree F compared to cold IV fluids)

Cold IV fluids may induce hypothermia in compromised patients and those that are predisposed to hypothermia, for example:

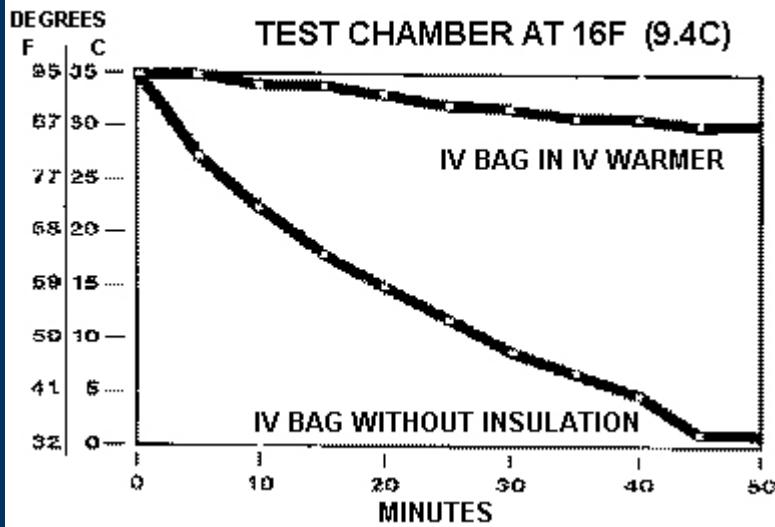
- further cooling of hypothermic patients
- cooling of traumatized patients (slowed metabolic heat production)
- cooling of geriatric patients (poor circulation, slowed metabolism) - diabetic patients
- cooling of pediatric patients (small body mass)
- cooling of burn victims (replacing plasma loss)
- Holds at a safe temperature indefinitely with out overheating



IV WARMER is rugged and portable with a soft case that can go anywhere

Equipment for the treatment of hypothermia and trauma victims during transportation and in the emergency room stabilizing the "critical core" temperature.

IV BAG COOLING GRAPH



IV WARMER loses only one degree in ten minutes - at below freezing in a 5 to 10 knot wind when disconnected from the power source.

Basic Treatment for Hypothermia:

IV fluids should be heated to approximately 104° - 108° F (40° - 42° C), but should be no colder than the patient's core temperature.

(STATE OF ALASKA COLD INJURIES GUIDELINES Revised 1/2005)

Holds one or two - 1 Liter IV fluid bags.

- Operates on 12 Volts from any vehicle or portable battery - only 4 Ampere current drain
- Runs on 115 Volts AC with optional transformer
- Dispense IV fluids directly from bag
- Temperature controlled, with a additional over-temperature control thermostat
- Fused for short-circuit protection
- Case and insulation are fire retardant
- One year guarantee against electrical failure



Optional Insulated IV Sleeve

**Reduces Temperature Loss of IV solution between
IV WARMER to Patient in Extreme Weather Conditions.**

Shown with optional sleeve and 110 volt to 12 volt power supply.

- Allows steady and sure flow rate of IV in extreme temperature/wind chill conditions
- Flexible insulated cloth construction with Velcro fastening to IV Warmer
- Covers entire length of IV tube
- Clear vinyl window allows view of drip chamber
- Insulated end flap covers patient needle entry area
- Sleeve does not restrict flow in any way
- Velcro straps allow sleeve to be secured to patient's arm



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