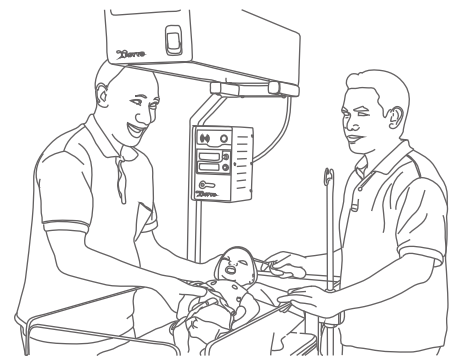
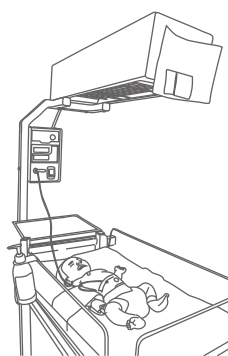
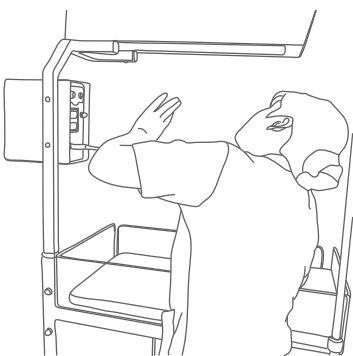




WARMER

An efficient, comfortable device to **prevent and treat hypothermia.**



Overview

- safe automatic control of patient temperature with SMART PROBLEM DETECTION and safety fallback modes
- solid state relay for long life operation
- rigid stainless steel body

1. Temperature Control System

- closed loop PID control of patient temperature
- SMART ALGORITHMS TO DETECT SENSOR MISPLACEMENT
- safe mode fallback control system for safe operation even if sensor is misplaced or disconnected

2. Patient Temperature Sensor

- tiny, lightweight sensor for easy placement on the patient

3. Power Supply

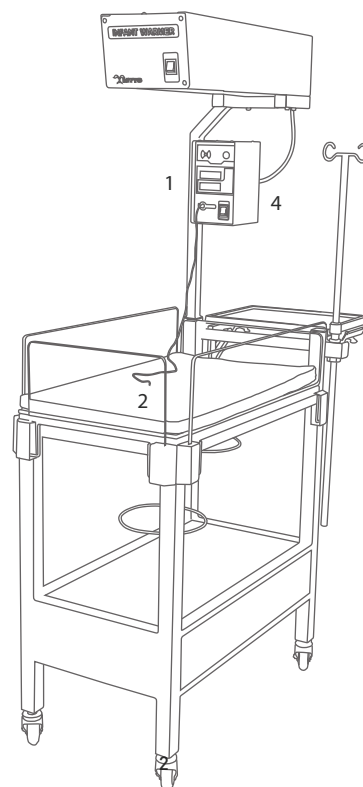
- 3 prong electrical connection for safe grounding
- user replaceable fuses for electrical protection

4. Displays/Indicators

- bright LCD display to monitor patient temperature, treatment time, total usage time, heater power level and sensor connection
- built in APGAR score timer
- LCD display with diagnostic and troubleshooting information
- total system time counter (lifetime)

5. Safety

- audio and visual alarm indicators
- intelligent handling of temperature sensor failures and misplacement



Dimensions and Weight

Height	175 cm
Width	43 cm
Weight	50.0 kg
Shipping Weight	64.0 kg

Performance Specifications

Application	Treatment of neonatal and pediatric patients to prevent hypothermia
Heater Element	Type: Radiant Power: 450W
Procedure Lamp	Type: Halogen Power: 35W

Temperature

Operating	19.0degC to 40.0 °C
Patient	34.0degC to 38.0degC

Displays / Indicators

Set temperature	Total usage time
Patient temperature	Heater power level
Temperature Alarm	Sensor connected
Treatment time	Power indicator
APGAR score timer	

Extra Features

Ambient temperature sensor
SSR output
Low voltage heater elements
Full PID temperature controller with safe mode fallback

Requirements

Power Requirements	Voltage: 220V AC 10% Frequency: 47 - 63 Hz Wattage: 500W maximum
Agency Requirements	EN ISO 13485: 2012; IEC 60601-2-21: 2003

Ordering Information and Servicing

MAIN UNIT	ITEM ORDER NO	
Warmer Unit	WMR-1000	Main Unit
ACCESSORIES	ITEM ORDER NO	
Skin Sensor	WMR-1010	
User Manual	WMR-1030	English
WARRANTY		
Standard Warranty	1 year	Subject to MTTS policy



MEDICAL TECHNOLOGY TRANSFER AND SERVICES Co., LTD
EN ISO 13485: 2012 Certified Company

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