



# AMPIRmini

## PORTABLE BLOOD AND IV FLUID WARMER

Prevention and treatment of hypothermia and its complications outside the hospital

**BATTERY POWERED**

### FEATURES

- Compact portable device
- Suitable for infusion / transfusion of blood, plasma, serum, IV fluids, infusion of nutrient solutions
- Can be used out of healthcare facilities: air medical service, ambulances, disaster medicine, field hospitals, home treatment
- Designed for both children and adults
- 24h set temperature maintenance
- Protection against overheating
- Operation from a built-in battery (3-5 hours), car 12V socket or electric mains

INTEGRATED HEAT EXCHANGER

TEMPERATURE DISPLAY

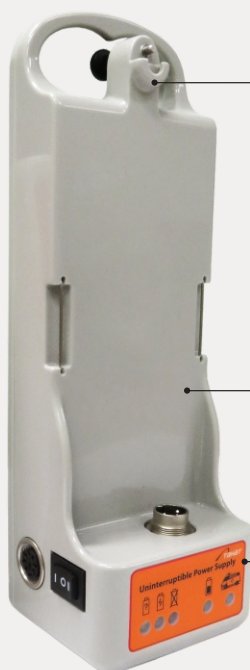
CONTROL PANEL



WARMING DEVICE CLAMP

BUILT-IN BATTERY UNIT

CHARGING PANEL



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PORTABLE BLOOD AND IV FLUID WARMER

Device operating principal is based on a continuous heating of fluids. The heat exchanger heats the IV line and fluids inside it.

## CONTROL UNIT

- LED display indicates current temperature
- Separate control buttons
- 2 operating modes:
  - Manual mode: the temperature can be set between 34°C and 42°C with 0.1°C increments
  - Auto mode: temperature is maintained at 36.6°C
- Audible and visual alarms, self-diagnostics at the power-up and during operation

## MOUNTING BELT

The device can be mounted very close to the patient: on an IV stand, near the injection site, bed or stretcher.

## BUILT-IN BATTERY UNIT

- Built-in battery-powered operation up to 5 hours
- Simultaneous operation and charging
- Connection to a car 12V socket
- Charging panel
- Clamp for control unit mounting

## INTEGRATED HEAT EXCHANGER

- Use of standard infusion lines, incl. pediatric (option)
- Max. flow rate: 2000 ml/h
- Duralumin heating plate: high thermal conductivity, durability and resistance to mechanical stress



## TECHNICAL SPECIFICATIONS

Warming device power supply	24 V	Continuous operation	24 h
External power supply	110-230 VAC, 50/60 Hz	Continuous battery operation	up to 5 h
Average power consumption	30 W/h	Electric shock protection class	BF/I
Temperature settings	34°C to 42°C	Protection rating	IP 23
Temperature increment	0.1°C		
Warming-up to 37 °C with battery unit	2 min		
	5 min		

