

°MEQU °M WARMER SYSTEM - STARTER KIT PLUS

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°MEQU

A Portable Blood and IV Fluid Warming System

°MEQU has developed an IV-blood warmer for emergency transfusions. It's a portable fluid warmer which warms up blood from cold to body temperature within seconds.

Fast set-up time and intuitive use

The set-up time is less than 30 seconds, and the user-friendly design ensures that the °M Warmer System cannot be assembled incorrectly.

High flow rates and large warming capacity

Blood and other infusion fluids can be heated from 5°C to 37°C at flowrates up to 150 mL/min. One charged battery can heat up to 2 liters of cold fluids 5°C or 4 liters of fluids at room temperature (21°C) to body temperature.

Low weight and compact design

The °M Warmer (5pc) has a compact design and weighs from 1.8 lbs. (820 g) making it portable and ideal for prehospital use.

Adhesive for secure attachment close to the infusion site

The single-use warmer's small size (3.94 in. x 2 in. x 0.79 in. / 10 cm. x 5cm. x 2 cm.) allows it to be attached to the patient close to the infusion site, using its integrated adhesive pad. This secures infusion site and reduces heat loss in the tubing.

The °M Warmer System is approved for use in helicopters and airplanes.



FEATURES/SPECIFICATIONS

- **Easy Setup:** User-friendly design; Standard Luer Locks
- **Lightweight:** Battery with warmer only 1.8 lbs.
- **Instant Warming:** Warms fluids in less than 10 seconds
- **Meets TCCC Guidelines:** Warms fluids to body temperature at flowrates up to 150 mL/min.
- **Large Warming Capacity:** Warms up to 2L of cold fluids on one fully charged battery
- **No Maintenance:** Wipe clean and recharge after use
- **Field-proven:** In use since 2018 in both Military, HEMS, EMS and Hospitals
- **Dust and Splashproof:** IP54 battery and warmer
- **For the entire continuum of care:** °M Warmer can stay with the patient for up to 72 hours
- **Adhesive Patch:** For secure attachment close to the infusion site
- **Interoperable:** Seamlessly supporting continuity of care across the entire patient journey

DIMENSIONS

- °M Warmer: W 1.97 in. x L 3.94 in. x H 0.79 in. (5 cm x 10 cm x 2 cm)
- Power Pack+: W 3.54 in. x L 7.09 in. x H 1.38 in. (9 cm x 18 cm x 3.5 cm)
 - » Cable length: 47.24 in. (120 cm)
- AC Charger: W 2.95 in. x L 4.61 in. x H 1.73 in. (7.5 cm x 11.7 cm x 4.4 cm)
 - » Cable length: 66.14 in. (168 cm)

WEIGHT

- °M Warmer: 0.24 lbs. (110g.)
- Power Pack+: 1.57 lbs. (710g.)
- AC Charger: 0.55 lbs. (250g.)

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ITEM #

35-0048

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all KITS INCLUDE:



Operating Parameters

- Output temperature range: 39°C (+/- 3°C at flowrates from 2-150ml/min)
- Max fluid warming volume on one fully charged Power Pack Plus (output temperature of min. 36°C:
 - » Input temperature 5°C: Power Pack+: 2L
 - » Input temperature 21°C: Power Pack+: 4L
- Priming volume: 3.5 ml (including tubing and luer locks)
- Maximum inlet pressure: 300 mmHg

Environmental

- Continuous Operation:
 - » Relative Humidity RH: 15-95%
 - » Pressure: 60-106kPa
 - » Temperature: Charging the Power Pack Plus: 10°C - + 40°C
Fluid warming mode (any power source connected): 0°C - + 40°C
- Storage and transportation:
 - » Relative Humidity RH: 15-95%
 - » Pressure: 60-106kPa
 - » Temperature: -20°C - + 50°C
- Transient Operating Conditions:
 - » Relative Humidity RH: 15-95%
 - » Pressure: 60-106kPa
 - » Temperature: -20°C - + 40°C
- Shock and vibration: Power Pack: ISO 1789 + A2 Sec. 6.4
- Basic safety and essential performance: ISO 60601-1-12
- Electrical compliance: ISO 60601-1



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