# **MEQU MWARMER**

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(5PC)

### 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.



#### **DIMENSIONS**

- Size Dimensions: W 1.97 in. x L 3.94 in. x H 0.79 in. (5 cm x 10 cm x 2 cm)
- Product Weight: 0.24 lbs. (110g)

### FEATURES/SPECIFICATIONS

• Sterilized, single patient use

• User-friendly design, with standard Luer Locks

Adhesive patch for secure attachment

Comes in a pack of 5



ITEM#

35-0050

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**MEQU** 



## **MEQU M WARMER**

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#### **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: 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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