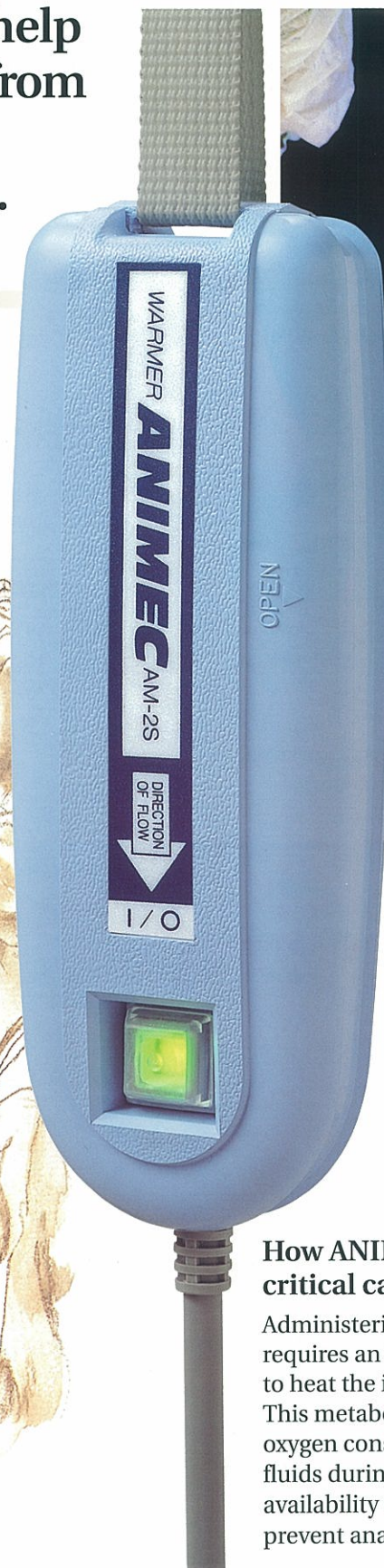


An Infusion/Blood Warmer that does not require additional disposables.

**ANIMEC** AM-2S

A convenient way to help protect your patients from hypothermia and prevent desaturation.



**ANIMEC can help protect your surgical patients against hypothermia thereby reducing their recovery time.**

Hypothermia can create many complications both during and after surgery, including prolongation of essential clotting mechanisms.

**How ANIMEC can benefit your critical care patients.**

Administering room temperature I.V. fluids requires an increase in the metabolic processes to heat the infused fluid to body temperature. This metabolic heat production requires oxygen consumption. Thus, warming I.V. fluids during infusion helps to insure the availability of oxygen for the tissue and to prevent anaerobic metabolism.



# How the ANIMEC works

The ANIMEC Infusion/Blood Warmer is an electrically powered dry warmer that supplies heat to the infusion/blood set tubing. The tubing is placed in an "S" shaped channel through the heating plate. Temperature sensors in contact with the tubing control the heating and regulate effluent temperature. The temperature of fluids attained by use of the ANIMEC depends on many factors—including initial fluid temperature, room temperature, flow rate and tubing size. The ANIMEC is available in two sizes : a 4 mm channel for I.V. administration sets and a 5 mm channel for blood administration sets.

## Benefits

- **Automatic regulation of fluid temperature**—The temperature of the warming plate adjusts according to the desired temperature of the effluent.
- **Less heat loss after warming**—ANIMEC's small size requires minimal tubing between the patient and the unit.
- **No disposable warming bags or coils are required.** The compact design saves valuable time and expense.
- **Quick set-up**—The IV tube is inserted directly into the warmer.
- **Rapid warm-up**—ready to use in 4 minutes.
- **Safe performance is guaranteed utilizing silicon coated heating plates and multiple sensors for accurate temperature control.** ANIMEC can also be used in intermittently with assurance.

## Applications

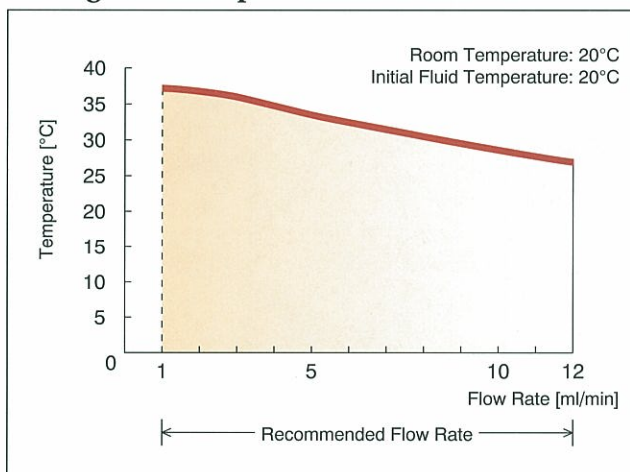
- Low flow rate infusion/blood in ICU and CCU
- Ultra low flow rate infusion/transfusion
- Transfusion exchange
- Providing milk to neonates
- High calorie infusion

## Specifications

Model	AM-2S-4A [AM-2S-4B]	AM-2S-5A [AM-2S-5B]
Tube Size	3.0–4.0 mm $\phi$	4.1–5.0 mm $\phi$
Flow Rate	1–12 ml/min	
Power Requirements	230V $\pm$ 10%~(AC) 50/60Hz Max. 60W/hr [115V $\pm$ 10%~(AC) 50/60Hz Max. 100W/hr]	
Classification	Class I Equipment	
Applied Part Type	Type BF	
Heat Exchange	Dry Heat Exchange	
Operating Condition	0–40°C 30~95%RH Non condensing	
Body Dimension	176(L) $\times$ 65 (W) $\times$ 36 (H) [mm]	
Weight	560g	



## Exiting Fluid Temperature vs. Flow Rate



For further information, please contact our distributor or Elltec on E-mail: [international@elltec.co.jp](mailto:international@elltec.co.jp)

# ELLTEC co., LTD.

Shirakawa No. 6 Bldg. 2-18-5, Nishiki Naka-ku, Nagoya JAPAN  
Tel: +81-52-201-7308 Fax: +81-52-232-2870  
E-mail: [international@elltec.co.jp](mailto:international@elltec.co.jp)