



B!THERM
Infant Warmer

Model: **IW10**



Features

- 10.4-inch LCD touch screen with a control knob.
- Switches for night and day mode.
- Low-light far infrared ceramic heating lamp.
- Display for ambient noise and light levels.
- Hands-free alarm silencing.
- Integrated weight scale and resuscitation capabilities.

Technical Specifications

General Specifications

Power	100-240 VAC, 50/60 Hz
Heater Capacity	550 W
Temperature Control	Servo control (Manual Control also Available)
Skin temperature	Setting rang: 34.0 – 38.0 °C Display range: 30.0 – 42.0 °C
Heater Output	Setting range: 0 – 100% (in 5% increments) Indication range: 0 – 100 (in 10 levels)
Timer	Time display range: 0 – 60 min, 00 sec (in 1 sec increments)
Lighting	LED lamp Adjustable illumination intensity 0 – 1200 lux

Temperature Control

Mode	Preheat, Manual and Baby
Heating Element Power	500W
Temperature Measurement Mode	Direct mode
Skin Temperature Display Range	42.0°C Accuracy: $\pm 0.3^{\circ}\text{C}$ ~20.0
Skin Temperature Setting Range	38.0°C Increment: 0.1°C~34.0
Heater Power Setting Range	Increment: 5% 100%~0
Heater Power Display Range	Resolution: 1% 0-100%
Preheat Mode Irradiance	24mw/cm ² Heater Power:100% 6mw/cm ² Heater Power:30%
Heating Time Indication	Under manual mode if equipment keeps working over 12 minutes while power setting is over 35%, there is AV alarm

Lighting

Light Type	LED
Intensity Range	0-1500 lux

Timer

Timer Mode	Apgar, CPR
Timer Range	0~60 minutes
Resolution	1 s
Apgar	Alarm Set: 2,3(Selectable), 5 and 10 Minutes
CPR	Alarm Interval: 30s Reader operation: 6s*2

Mechanical specifications

Dimension	840(L)*1100(W)*1790~2190(H)mm
Weight	105Kg
Mattress Size	500(L)*700(W)*25(H)mm

BioTherm IW10 Infant Warmer

Mattress platform angle	Inclination angle (back and forth): $\pm 13^\circ$
wheels	4 wheels
Move Direction	360°
Display	LCD Touch Screen 10.4" in, 800*600 Pixel
X-ray Cassette	54cm x 35 cm

Connector

Power	1 AC input, 2 AC output
Isopotential Point	1 isopotential point ground
Peripheral Interface	1 serial port, 1 USB port

Alarms

<ul style="list-style-type: none">• High / Low infant temperature• Probe failure• Heater failure	<ul style="list-style-type: none">• Power failure• System failure with automatic heater cut off• Over temperature
Alarm Sound Pressure Range	53dB ~ 69dB

Environmental Specifications

Working Temperature	18°C ~ 30°C
Working Humidity	RH 30% ~ 75%, Non-condensation

Storage/Shipping Information

Working Temperature	-20°C ~ 60°C
Working Humidity	RH 10% ~ 90%, Non-condensation
Air Pressure	500hPa ~ 1060hPa

Accessories

- Monitor Tray (Optional)
- Power Cord Length
- Mattress
- I.V. Pole (Optional)
- Reusable skin temperature probe

Optional Items:

Scale

Weight Display Range	300g to 8000g
Resolution	1g
Accuracy	$\pm 5g$
Max Tare	2000g
Height Adjustment	Up to 40 cm

Resuscitation Unit

Manometer	Pressure indication: -2 ~ 8 kPa (-20 ~ 80cmH2O)
Suction unit	Suction pressure control range: 0~26.7 kPa (0~200mmhg)
O2 Blender	Oxygen concentration control range :21 ~ 100%
	Oxygen flow rate control range: 0 ~ 15L/min
Resusci-flow Unit	PMAX setting range : 19~58 kPa (20 ~ 60cmH2O)
	Default setting range: 39 kPa (40cmH2O)
Height Adjustment (Optional)	Electrical height Adjustment up to 30 cm

Height Adjustment (Optional)

Electrical height Adjustment up to 30 cm

Regulatory Compliance

- IEC 60601-1
- IEC 60601-1-2
- IEC 60601-1-8
- IEC 60601-2-21



Pending



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