



ISO 9001:2015 & 13485:2003  
Certified Company

Radiant Heat warmer  
Bhaskar is designed  
for caring new born  
baby with a warm,  
comforting environment  
and continuous monitoring  
and maintain temperature.

Effective and Smart Care unit  
Providing Warm and Comforting environment  
Economic and Power Saver system

# Radiant Heat Warmer

Bhaskar 201B



Micro Controller Based Temperature Controlling Provides Thermal regulation with highest degree of accuracy.

User friendly features and control panel, Easy to operate.

Consists of Ceramic infra Red Heater with higher power output and more durability than any tubular silicon quartz glass heaters. The source box can be swivelled to take x-ray.

LED Examination Lamp Provides accurate assessments of infant color and sufficient illumination during procedures.

Baby Tray Clear acrylic collapsible side panels to assess an infant from all sides. Acrylic with cushion Mattress.

Provide IV Stand and Patient Monitor Stand.

Available with/or Single and Dual Probe(Skin & Air) and With and/or without Fix or Detachable Trolley.

## Types Of Temp. Controllers

1. Skin - Automatic maintain temperature and control Heater with power saving functionality and reference to patient skin Temperature.
2. Manual - Use for Pre warm baby, Directly control and user adjustable Heater power.
3. Air - Automatic maintain temperature and control Heater with power saving functionality and reference to Air Temperature.

## Display

Seven segment display for skin Temperature and Set Temperature.

LCD display for Time, Mode and Alarm.

Power Failure indication LED.

Mute indication LED.

### Technical Specification :

#### Physical Dimension :

Height	180 cm
Width	68 cm
Length	100 cm
Bed Size	50 cm x 75 cm
Heater Rotation	± 180° rotation to the side
Bed Height	88 cm
Heater Unit Height	80 cm (From Bed Surface)

#### System Characteristics :

Heater output	0 - 600 W
Control System	Micro controller based smart system
Skin Mode	Set temperature range +32°C to +37°C with 0.1°C increments.
Air Mode	Set temperature range +32°C to +37°C with 0.1°C increments.
Manual Mode	Set heater Power in 5 stages, increments of 20%.

Temperature Measurement Accuracy	± 0.5°C at 30°C to 40°C
Temperature Display Accuracy	± 0.3°C
Temperature Probe Accuracy	± 0.5°C

#### Environmental Requirements :

Operating temperature	+18°C to +30°C
Storage temperature	-40°C to +70°C
Operating Humidity	30 to 70% RH
Storage Humidity	20 to 90% RH

#### Power specification :

Power Requirements	230V ±10%,50-60Hz
Power Consumption	600W max

#### Model Details :

Bhasker 101/201-A	with Single Skin Probe/with Dual Skin-Air Probe - Without Trolley
Bhasker 101/201-B	with Single Skin Probe/with Dual Skin-Air Probe - With Fix Trolley
Bhasker 101/201-C	with Single Skin Probe/with Dual Skin-Air Probe - With Detachable Trolley

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