

# Technical Specifications

<b>Standard Features</b>	Kangaroo care mode Servo control mode Manual control mode Vertical height adjustment	LCD color display APGAR timer Storage drawer Adjustable observation light (LED)	Mattress platform Mattress tilt ( $\pm 12^\circ$ ) Accessory rail Lockable wheels
<b>Audible and Visual Alarms</b>	Low skin temperature High skin temperature Check baby Power failure	System failure Skin temperature probe disconnected Skin temperature probe failure	
<b>Dimensions</b>	Main body: 85 (W) x 117 (D) x 180 to 200 (H) cm (mattress to floor: 90 to 110 cm) Mattress: 47 (W) x 67 (D) x 2.5 (H) cm		
<b>Bed Load Capacity</b>	Infant weight up to 10 kg		
<b>Weight</b>	105 kg (without accessories)		
<b>AC Power</b>	230 VAC, 50/60 Hz		
<b>Heater Power</b>	650 W at 230 V		
<b>Irradiance</b>	25 mW/cm <sup>2</sup>		
<b>Skin Temperature Display Range</b>	18.0° to 45.0°C: Resolution 0.1°C, Accuracy $\pm 0.3^\circ\text{C}$		
<b>Skin Temperature Setting Range</b>	33.0° to 38.0°C (in 0.1°C increments)		
<b>Heater Output Indication</b>	Numeric display 0% to 100%, resolution 5%		
<b>APGAR Timer</b>	10 second beep at 1 minute, 5 minutes, 10 minutes, and 20 minutes		
<b>Observation Light</b>	Variable with intensity range of 0 to 1000 lux (max)		
<b>Accessory Rail</b>	For pole-mounted accessories including IV pole and accessory shelf		
<b>Operating Conditions</b>	Ambient temperature: 18° to 30°C Relative humidity: 30% to 75%	Ambient air velocity: < 0.3 m/s Atmospheric pressure: 70 to 106 kPa	
<b>Resuscitation (Optional)</b>	Two medical gas flow meters Integrated oxygen blender T-piece resuscitator Airway pressure manometer	Peak inspiratory pressure (PIP) control Positive end expiratory pressure (PEEP) control Gas supply pressure alarm	
<b>Recommended Patient Weight</b>	Up to 10 kg		
<b>Gas Supply Requirements</b>	Input pressure: 270 to 517 kPa Minimum flow: 70 L/min		
<b>Adjustable PIP</b>	Max PIP: $45 \pm 5 \text{ cmH}_2\text{O}$ @10 L/min PIP override: $> 30 \pm 4 \text{ cmH}_2\text{O}$		
<b>Flow Meter</b>	Flow range: 0 to 15 L/min Flow accuracy: 0 to 5 L/min $\pm 0.5 \text{ L/min}$ , > 5 to 10 L/min $\pm 1.5 \text{ L/min}$ , > 10 to 15 L/min $\pm 2.0 \text{ L/min}$		
<b>Air/O<sub>2</sub> Blender</b>	Range: 21 to 100% O <sub>2</sub> , Accuracy: $\pm 5\%$ full scale		
<b>Airway Pressure Manometer</b>	Range: -10 to 80 cmH <sub>2</sub> O, Accuracy: $\pm 5\%$ full scale		
<b>Patient Connection</b>	T-piece circuit: 15/22 mm ID/OD, auxiliary barb		
<b>In-bed Scale (Optional)</b>	Measuring Range: 250 to 8,000 g Accuracy: 10 g Resolution: 10 g		

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# NuBORNE<sup>®</sup>

## 500 Infant Warmer

## Infant Radiant Warmer



**Warmology<sup>®</sup>: The science of warm for the miracle of life**



**Control modes: kangaroo, servo, manual**  
**Built-in battery for mobility\***  
**Integrated scale with trending\***  
**T-piece resuscitation\***

\*Optional

## Standard Features



**Kangaroo Care**

Standby mode (or kangaroo care mode) feature that broadens alarm limits to allow for up to 1 hour of uninterrupted baby/parent bonding time.



### Storage Drawer

Fully removable and easy to clean storage drawer. 25 (L) x 38 (W) x 18 (D) cm.



### Mattress Platform

Large mattress surface area with easy-open sidewalls for quick clinician access.



### Color Display

Provides data trending, APGAR timer, and optional scale function on a full color screen.



### Accessory Rail

Ideal for pole-mounted accessories, such as the optional IV pole (pictured).



### Vertical Height Adjustment

Quiet and smooth height adjustment from 90 - 110 cm from bed to floor.



### Adjustable Observation Light

Freely adjustable LED light intensity that provides full bed coverage (up to 1000 lux).

## Options



**Resuscitation**

PuffinLT resuscitation module that provides an integrated air/oxygen blender to power two delivery options: T-piece and auxiliary flowmeter. Compliant with the ILCOR guidelines for resuscitation.



**In-bed Scale**

Integrated and NAWI certified in-bed scale provides quick and easy infant weighing. Allows for trending capability of the last 30 infant weights. Easy to follow step-by-step weighing instructions shown on color display.