



Panda iRes™ Warmer

Integrated Solutions for the golden hour and beyond

When baby can't be with mom...

The next best place is in your caring hands with the best tools at your fingertips. The Panda™ Warmer patient-centered design is engineered to meet the needs of clinical staff and patients by making integrated tools available to deliver the very best care. Our patented heater design frees-up overhead space for easy observation of your patient. Silence alarms using the convenient Hands Free Alarm Silence. A brilliant full color control panel displays patient parameters and trending. The Panda iRes™ Warmer eliminates alarms during Warmup Mode so you can warm the bed before the baby arrives without disturbing the mother during labor. Vital golden hour tools like integrated resuscitation, SpO₂ and ResusView™ ECG heart rate options support the latest resuscitation guidelines and recommendations. Our integrated in-bed scale option allows baby to be weighed without the loss of a heat source. Whether in labor and delivery, surgical theatre, emergency department or other care areas – the Panda iRes Warmer offers the integrated tools needed during the golden hour and beyond.



Technical Specifications

Panda iRes Warmer

Height (adjustable)	193-218 cm (76-86 in)
Depth	119.4 cm (47 in)
Width	63.5 cm (25 in)
Weight	Approx. 100 kg (220 lbs)
Standard 2 Drawer	6.8 kg (15 lbs)
Standard Deep Drawer	6.8 kg (15 lbs)
Footprint	19.4 x 63.5 cm (47 x 25 in)
Floor Space	7,582 sq cm (1,175 sq in)
Mattress Size	66 x 48 x 2 cm (26 x 19 x 0.75 in)
Bed to Floor (fixed base)	83.8–107.9 cm (33–42.5 in) with 4 cm (1.6 in) fixed increments
Bed to Floor (elevating)	83.8–107.9 cm (33–42.5 in)
Bed Capacity	Patient weight up to 13.6 kg (30 lbs)
Bed Tilting	±12° continuous tilt; Bubble level indicates level bed
Mattress	Impermeable, pressure-diffusing
Display	Full color LCD control panel
Temperature Trending	Graphs set temperatures, baby temperature and heater output
Time Scale	15 min (default) to 60 min
SpO ₂ Trending (optional)	Graphs patient blood oxygen saturation percentage and pulse rate
Time Scale	15 min (default) to 60 min
APGAR Timer	Visual and audible tone reminders at 1, 5, and 10 minutes, then audible tones every 5 minutes.

Operational Environment

Panda iRes Warmer

Operating Temp. Range	18°C to 30°C
Operating Humidity Range	5% to 75%
Storage Temp. Range	-25°C to +60°C
Storage Humidity Range	0% to 85%

Resuscitation Unit

Operating Temp. Range	18°C to 41°C
Operating Humidity Range	0% to 90%
Storage Temp. Range	-25°C to +60°C
Storage Humidity Range	0% to 95%
Storage Pressure Range	50 kPa to 106 kPa

Electrical Power Requirements

115 VAC, 50/60 Hz Models: 115 V ±10%; 6.6 Amps
220-240 VAC, 50/60 Hz Models: 230 V ±10%; 3.3 Amps
Nominal Power Consumption: 520 W at max. heater power, max. lighting
Complies with IEC 60601-1 for electrical safety

Integrated Resuscitation Characteristics

Bag & Mask and T-Piece Resuscitation Systems

Gas supply characteristics

Input pressure	275-600 kPa (40-87 psi)
Minimum Input Flow	70 L/min

Venturi vacuum subsystem

Range	0-150 mm Hg
Accuracy	± 5% of full scale

Adjustable PIP (for T-Piece Resuscitation System only)

Maximum PIP	45 ± 5 cm H ₂ O
Override	> 30 ± 4 cm H ₂ O
Flow Capacity	15 L/min

Flow meters

Range	0-15 L/min
Accuracy	1-5 L/min ± ½ L/min, 5-10 L/min ± 1.5 L/m, 10-15 L/min ± 2 L/min

Air/O₂ blender

Range	21-100% O ₂
Accuracy	± 5% O ₂

Airway pressure manometer

Display Range	-10 to 80 cm H ₂ O
Accuracy	± 5% of full scale

Alarms

Check Baby	Baby Cold - Check Temp. Probe
Check Baby - Heat off	Baby Hot - Check Temp. Probe
Temp. Probe Failure	Confirm Probe Jack Connection

ResusView Heart Rate Option

Heart Rate Change	80-120 bpm change in 8 seconds,
Response Time	80-40 bpm change in 12 seconds
Waveform Scale	0.2X, 0.5X, 1X, or 2X
Waveform Speed	12.5 mm/s and 25 mm/s

Parameters & Modules

Parameters & Modules	Accessory Type	Measurement Accuracy
ECG	ResusView 3 lead	±1% or 1 bpm (30 - 300 bpm) whichever is greater
SpO ₂	Masimo or Nellcor sensors	SpO ₂ : ±3 digits Pulse Rate: ±3 bpm
Skin Temp	Neonatal Temp Probe	± 0.3°C

Uninterruptible Power Supply (UPS)

Battery Time	15 mins@410W
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