

BERÇO AQUECIDO RADIANTE · MODOS MANUAL + AUTO · TUBO
QUARTZO ANTI-EXPLOÇÃO · CE / ISO 13485

PCB-IRW-10



Aquecedor de cuidado aberto para sala de parto e reanimação neonatal.

The **PCB-IRW-10 Infant Radiant Warmer** is a microprocessor-based, servo-controlled open-care unit designed for delivery rooms, newborn resuscitation, neonatal recovery and procedural care where the clinical team needs immediate, unobstructed access to the newborn. The unit operates in **manual mode or automatic (servo-skin) mode**, switching between them with a single control.

An anti-explosion **micro-crystal quartz infrared radiation tube** delivers stable, uniform heat to the mattress surface, with **± 2 °C uniformity** across the bed. Set temperature and skin temperature are each shown on independent LED indicators, and a **second thermal cut-off** protects the newborn even if the primary sensor fails.

The Luz de observação LED has adjustable brightness for night-time work without disturbing the baby.

The bed includes **four transparent side protectors** with 2 selos de infusão, an integrated tray for accessories and an RS-232 connector for service / data export. The aluminum-alloy structural frame keeps the unit light and corrosion-resistant for daily hospital use.

ESPECIFICAÇÕES

Construído em padrões neonatais.

MODEL

PCB-IRW-10

CONFIGURAÇÃO

**Aquecedor
radiante aberto ·
base trolley**

MODOS DE CONTROLE

**Manual +
Automático (servo-
pele)**

FONTE RADIANTE

**Tubo IR quartzo
micro-cristalino
anti-explosão**

FAIXA TEMPERATURA
DA PELE

32 – 38 °C

PRECISÃO CONTROLE
TEMP PELE

±0.7 °C

PRECISÃO SENSOR DE
PELE

±0.3 °C

UNIFORMIDADE TEMP
COLCHÃO

±2 °C

TEMPO AQUECIMENTO
(DE 25 °C)

< 30 min

DISTÂNCIA AQUECEDOR
→ COLCHÃO

90 cm

TAMANHO COLCHÃO

67 × 54 cm

PROTETORES LATERAIS

**4 protetores
transparentes
dobráveis · 2 selos
de infusão**

LUZ DE OBSERVAÇÃO

**LED · brilho
ajustável**

ALARMES

**Power failure ·
temp deviation ·
temp sensor failure
· skin sensor failure
· over temperature**

SEGURANÇA

**Segundo corte
térmico
(independente)**

CONECTIVIDADE

**Conector RS-232 · 1
bandeja**

ALIMENTAÇÃO

**AC 110 / 220 V · 50
/ 60 Hz**

CONSUMO

900 VA

TEMPERATURA
OPERACIONAL

18 – 30 °C

UMIDADE
OPERACIONAL

30 – 75 %

PRESSÃO ATMOSFÉRICA

700 – 1060 hPa

VELOCIDADE DO AR

< 0.3 m/s

TEMPERATURA DE
ARMAZENAMENTO

–40 °C to +55 °C

UMIDADE DE
ARMAZENAMENTO

≤ 95 %

PRESSÃO
ARMAZENAMENTO

500 – 1060 hPa

TAMANHO EMBALAGEM

110 × 78 × 86 cm

PESO

**N.W. 65 kg • G.W.
85 kg**

CERTIFICAÇÕES

CE 0197 • ISO

13485:2016 • TÜV

Rheinland

RECURSOS PRINCIPAIS

Projetado para reanimação neonatal.

MODOS MANUAL + AUTOMÁTICO

Microprocessor-controlled unit allows for two modes: **manual** (operator sets power level directly) and **automatic** (servo-skin — system maintains the set skin temperature). One control switches between modes.

TUBO DE QUARTZO ANTI- EXPLOÇÃO

Micro-crystal quartz infrared radiation tube — stable, uniform heat with anti-explosion construction for clinical safety. Long service life under continuous hospital use.

SEGUNDO CORTE TÉRMICO

Independent secondary thermal cut-out protects the newborn even if the primary temperature sensor fails — critical safety layer for radiant heat sources.

CONJUNTO COMPLETO DE ALARMES

Audible + visual alarms for: **power failure, temperature deviation, temperature sensor failure, skin sensor failure, over temperature.**

LUZ DE OBSERVAÇÃO LED

4 PROTETORES LATERAIS TRANSPARENTES

Luz de observação LED with adjustable brightness — night-time work without disturbing the baby, no warm-up time, low heat output.

Four folded transparent side protectors with **2 selos de infusão** — keep the newborn safe while providing full access for IV lines, monitoring leads and procedures.

DETALHES EXCELENTES

Engenharia premium em cada detalhe.

CABEÇA DE AQUECIMENTO COM GRADE METÁLICA

Excellent detail



Heating head with metal grid

Metal grid protects the quartz tube from physical impact and contamination. Cleanable, durable, infection-control friendly.

COLUNA LATERAL



Siderail column

Integrated siderail column for IV-pole mounting, accessory rails and bracket attachment — flexible bedside configuration.

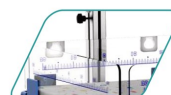
MATERIAL DE ALUMÍNIO



Aluminium alloy material

Aluminum-alloy structural frame — lighter than steel, corrosion-resistant, easy to clean. Long service life

2 SELOS DE INFUSÃO



2 infusion seals

Two infusion seals in the side protectors — pass IV lines, ECG leads and oxygen tubing

under
continuous
hospital use.

without
breaking the
controlled
microclimate.

CONFIGURAÇÃO PADRÃO

O que vem na caixa.

Main body (Fonte radiante, Control system, Infant bed, Bracket) · **1 V-pole** · Skin temperature sensor · Tray · Mattress · Transparent protector · Castors · RS-232 cable.

QUALIDADE CERTIFICADA

Fabricado sob ISO 13485:2016

The PCB-IRW-10 is manufactured under **ISO 13485:2016 · TÜV Rheinland** certification, with **CE 0197** mark for the European market. Every unit passes a full safety + functional test before shipping, ensuring compliance with regulatory requirements in every market.

✓ CE 0197

✓ ISO 13485:2016

✓ TÜV Rheinland



Folheto do produto

Complete PCB-IRW-10 data sheet in PDF, ready to print or send to your customer.

[Baixar folheto \(PDF\) ↓](#)

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