

INCUBADORA NEONATAL · MODO AR + PELE · UMIDADE CONTÍNUA ·
PREMIUM UTIN · CE / ISO 13485

PCB-INC-30



SOBRE O PCB-INC-30

Incubadora UTIN premium — modo ar + pele + gavetas integradas.

The **PCB-INC-30 Baby Incubator (Premium)** is the flagship Disomed-engineered neonatal incubator, designed for tertiary NICU and high-acuity newborn care. It combines **dual-mode temperature control (air mode + skin mode)**, an **integral therapy timer**, continuously adjustable humidity and a comprehensive alarm suite to deliver the most predictable, precise thermal environment available for the smallest patients.

Set temperature, air temperature, **baby skin temperature**, timer and heating power are each displayed on independent LED indicators for instant readability. The skin sensor delivers **±0.2 °C accuracy** — critical for stable thermoregulation of pre-term and very-low-birth-weight neonates.

The single-wall hood with **4 operating windows, 2 iris ports and 5 infusion seals** (more than the standard model) gives the clinical team full access for IV lines, monitoring leads and respiratory support. **Tripla proteção sobre-temperatura** with an independent secondary cut-off device safeguards the newborn even under primary sensor failure. RS-232 connector + oxygen inlet support integration with monitoring and ventilation equipment, and the unit is ready for up to **6 optional upgrades** including LCD touch screen, X-ray tray, electronic elevator, double phototherapy, double wall hood and air-oxygen blender.

ESPECIFICAÇÕES

Construída em padrões UTIN.

MODEL

PCB-INC-30

CONFIGURAÇÃO

**UTIN Premium •
base com gavetas •
cúpula parede
simples**

MODOS DE CONTROLE

**Modo ar + modo
pele (servo
microprocessador)**

FAIXA TEMPERATURA
DO AR

**25 – 37 °C (alto:
37.1 – 38 °C,
opcional 37.1 – 39
°C)**

FAIXA TEMPERATURA
DA PELE

**32 – 37 °C (alto:
37.1 – 39 °C)**

PRECISÃO SENSOR DE
PELE

±0.2 °C

FLUTUAÇÃO DE
TEMPERATURA

±0.5 °C

UNIFORMIDADE TEMP
COLCHÃO

≤ 0.8 °C

UMIDADE

**Continuamente
ajustável**

CAPACIDADE DO
RESERVATÓRIO

1,000 mL

TEMPO AQUECIMENTO
(DE 25 °C)

< 30 min

NÍVEL DE RUÍDO
INTERNO

< 55 dB(A)

INCLINAÇÃO CAMA

±12°

TAMANHO COLCHÃO

65 × 37 cm

FILTRO DE AR

0.5 µm

TIMER TERAPÊUTICO

**Timer integral para
registrar tempo de
terapia**

JANELAS OPERATIVAS

**4 janelas · 2 portas
íris · 5 selos de
infusão**

PORTA

**Porta frontal com
fechadura
independente**

CONECTIVIDADE

**RS-232 · Entrada de
oxigênio · 1
bandeja**

ALIMENTAÇÃO

**AC 110 / 220 V · 50
/ 60 Hz**

CONSUMO

650 VA

TEMPERATURA
OPERACIONAL

20 – 30 °C

UMIDADE
OPERACIONAL

30 – 75 %

VELOCIDADE DO AR

< 0.3 m/s

TEMPERATURA DE
ARMAZENAMENTO

–10 °C to +55 °C

UMIDADE DE
ARMAZENAMENTO

≤ 95 %

PRESSÃO ATMOSFÉRICA

500 – 1060 hPa

EMBALAGEM ·
GABINETE

112 × 98 × 98 cm ·
N.W. 80 kg · G.W.
110 kg

EMBALAGEM · CÚPULA

98 × 85 × 74 cm ·
N.W. 15 kg · G.W.
30 kg

CERTIFICAÇÕES

CE 0197 · ISO
13485:2016 · TÜV
Rheinland

RECURSOS PRINCIPAIS

Projetada para segurança **UTIN premium.**

CONTROLE DUAL MODO AR + PELE

Dual servo-controlled modes: **air mode** (controls air around the baby) and **skin mode** (uses a temperature probe attached to the baby's skin). Skin mode delivers the most precise neonatal thermoregulation. Precisão sensor de pele **±0.2 °C**.

CONTINUAMENTE AJUSTÁVEL HUMIDITY

Step-free humidity control across the full operating range — finer regulation than two-step incubators, allowing precise micro-climate management for premature and very-low-birth-weight infants.

TIMER TERAPÊUTICO INTEGRAL

Built-in timer to record therapy time — clinical documentation of duration of therapy, phototherapy sessions and incubator stay.

TRIPLA PROTEÇÃO SOBRE- TEMPERATURA

Independent secondary cut-off device protects the newborn if the primary sensor fails. **> 37 °C set function** is gated behind a confirmation step to prevent accidental high-temperature setting.

AUTO-TESTE + ALARMES COMPLETOS

Power-up self-test verifies all safety-critical sub-systems. Audible + visual alarms for: **power failure, over temperature, temperature deviation, fan failure, temperature sensor failure.**

CÚPULA PAREDE SIMPLES • 5 SELOS DE INFUSÃO

Single-wall hood with **4 operating windows, 2 iris ports and 5 infusion seals** (vs 3 on the standard model).

Porta frontal com fechadura independente for security.

PAINEL LED

Independent LED displays for: **set temperature, air temperature, baby skin temperature, timer and heating power** — clinical readability at a glance.

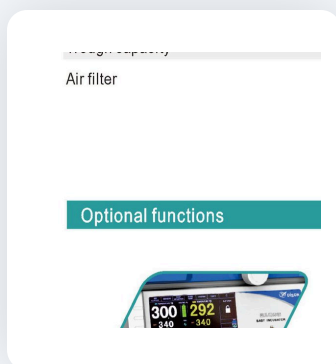
CAMA INFANTIL AJUSTÁVEL

Inclinação cama $\pm 12^\circ$ — Trendelenburg / reverse-Trendelenburg positioning for clinical procedures and patient comfort.

ATUALIZAÇÕES OPCIONAIS

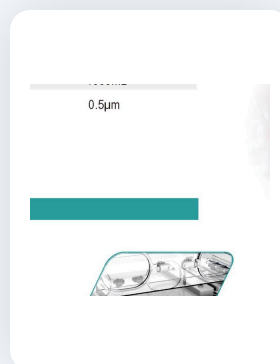
Configure seu pacote **UTIN premium**.

TELA TOUCH LCD



Upgrade the control panel to a full-color LCD touch interface — graphical trend display, intuitive parameter setting, easier alarm management.

BANDEJA X-RAY + BALANÇA INTEGRADA



X-ray cassette tray for incubator radiography — no need to disturb the newborn. Integrated electronic scale weighs the baby without removing them from the

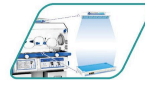
controlled
environment.



ELEVADOR ELETRÔNICO

Powered height adjustment of the incubator hood — ergonomic working height for procedures, easier transfer of the newborn.

LCD Touch Screen



Upside LED phototherapy unit BL-30D
Downside LED phototherapy unit BL-1

FOTOTERAPIA DUPLA

BL-30D upside
(top-mounted LED)
+ **BL-100D downside** (mattress level LED) — bilateral phototherapy for neonatal jaundice, faster bilirubin reduction.

X ray cassette tray&Integrated scale



Double wall hood

CÚPULA PAREDE DUPLA

Double-wall construction reduces heat loss by radiation — critical for very-low-birth-weight premature infants and energy efficiency.

Electronic Elevator



Air&Oxygen Blender

MISTURADOR AR E OXIGÊNIO

Built-in air/oxygen blender — precise FiO_2 control inside the incubator. Essential for premature infants requiring supplemental oxygen.

CONFIGURAÇÃO PADRÃO

O que vem na caixa.

Main body (Transparent hood, Control system, Infant bed, Water trough) · **1 V-pole** · Mattress · **Drawers** · Castors · Tray · Oxygen inlet. Each unit ships in two plywood cases (cabinet + hood) for safe transport.

QUALIDADE CERTIFICADA

Fabricado sob ISO 13485:2016

The PCB-INC-30 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-INC-30 data sheet in PDF, ready to print or send to your customer.

[Baixar folheto \(PDF\) ↓](#)

Formato PDF · Português

Industrial Park Av, Suite 30
Louisville, Kentucky 40041
Tel. (502) 333-0006

2103 Citic Tower, 1500
Xiangjiang North Road
Changsha, China

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