

BT-400

Phototherapy



- 20,000 hour operating time
- High intensity with efficient treatment
- Operating & total using time display
- Timer, 2 level adjustable intensity
- Light weight and compact size



Technical Specification

Light Source – Blue LEDs

Wavelength	• Peak between 450 ~ 475 nm
Intensity	• 20 ~ 100 $\mu\text{W}/\text{cm}^2/\text{nm}$ at 40 cm
Variation in intensity over 6 hours	• $\pm 10\%$ (within illumination area)
Effective surface area	• 40 x 20 cm

Function

Intensity Control	• Low Intensity : 20 ~ 70 $\mu\text{W}/\text{cm}^2/\text{nm} \pm 10\%$ • High Intensity : 40 ~ 100 $\mu\text{W}/\text{cm}^2/\text{nm} \pm 10\%$
Timer	• 30 min. ~ 999 hours 30 min.
Heat output	• Over 6 hours < 10 °C warmer than ambient (at 40 cm)
LCD Display	• Operating Hour, Total Hour, Timer, Adjustable Intensity
Installation	• Mobile Cart, Pole Mounted, Incubator Top

Electrical mains

Input	• 100 - 240 VAC, 50/60 Hz,
Consumption	• 70VA

Safety

Leakage current	• < 100 μA
Audible Noise	• < 60 dB

Dimension

Maximum height	• 200 cm
Main Unit	• 34 x 21 x 7.5 cm

Weight

Main Unit	• 3.6 kg
Cart	• 8.4 kg

Regulatory Standards

• Type BF, EN60601-1, EN60601-1-2, EN60601-2-50

Optional Accessory

• Cart, Shade

Warranty

• 2 years



Installation

Allow a main unit to move vertically to provide a proper treatment

Treatment timer & adjustable intensity



Main Unit with Optional Cart

Main Unit

Cart (Option)



Main Unit with IV Pole



Main Unit with Infant Incubator (BT-500)

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