

# LED PHOTOTHERAPY UNIT LED PT 100

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# PHOENIX

## LED PHOTOTHERAPY UNIT LED PT 100

### Technical Specifications

#### Irradiance:

$50 \mu\text{W cm}^{-2} \text{ nm}^{-1}$  at 45 cm from the light unit with adjustable Intensity (High, Medium & Low)

#### Wavelength:

450-460 nm (peak 451 nm), free of UV and IR radiation.

#### Lamp type:

Light emitting diode (LED) for 30,000 hours providing high intensity.  
Effective Surface area 50cm x 25 cm

#### Height :

Adjustable from  $1230 \pm 20$  mm to  $1680 \pm 20$ mm up to  $90^\circ$  on either side.

#### Time totalizer: Digital (compact)

1. Time totalizer for the LED running time (non-resettable)
2. Therapy timer for the treatment time (resettable)

#### Examination lamp:

The LED PT is provided with 2 useful examination lamp that provides normal light when the baby needs to be attended to by doctors or nurses.

#### Alarms:

- > Cooling fan failure
- > Temperature unit in light unit exceeds  $55^\circ\text{C}$
- > Internal supply voltage is high / Low
- > Current consumption of LED's is not normal

Messages are displayed on the time totalizer display. Audible alarm is also produced.



Front View



Bottom View



with optional Infant bassinet

#### Cooling fan:

Centrifugal type to dissipate the heat created by LED's

#### Electric supply:

110 -230 V ~50/60 Hz

#### Power rating:

Maximum - 60 W

#### Dimensions:

730 x 690 x 1230 mm (L x W x H)

Weight : Maximum 17kg

**Coating:** Epoxy/powder coated body for scratch and rust prevention and PU (polyurethane) coating for plastic parts.

**Mobility:** 3 swivel casters with brakes.

CE 0123

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