

BiliPOD

Phototherapy Units

Tubelight | CFL | LED

Healing Light for the Newborn Jaundice.....



Tested as per following IEC standards:

EN 60601-1:2006/AC:2010

EN 60601-1-2:2007/AC:2010

EN 60601-1-6:2010

EN 60601-1-8:2010

EN 60601-1-2-50:2000

 AVI Healthcare Pvt Ltd

Manufacturing Neonatal Equipments "Glocally"

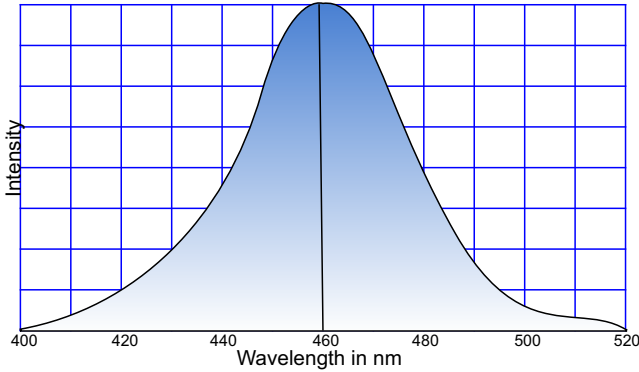
CE



ISO 13485:2003
Certified Company

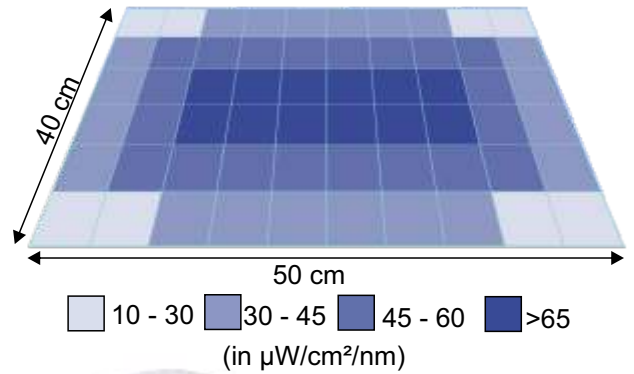
Bilipod LED Phototherapy Unit provides high intensity phototherapy treatment for Neonatal Jaundice.

Optimum Wavelength of 460nm



High Irradiance levels

allows faster Bilirubin Breakdown



Uniform Light Distribution
with 11 High Intensity LED Lamps

Lamp Unit Size 24cm x 39cm x 8cm

Lamp Tilt upto 90°

Height Adjustability upto 50cm

Life of Lamps - 30000 hours

Zero Noise Cooling Fan



Light Weight

Lamp Unit weighs not more than 3 Kg.
Easily removable from trolley to use over Incubator or under surface phototherapy

Portable

Easily Removable to be placed above incubator or below the Warmer Baby Tray to give under surface Phototherapy

Compact

Takes minimum space and the lamp unit is very sleek

OPTIONAL: Intensity Control

Control the Intensity of the Phototherapy Unit with Knob

Low Power Consumption

Only 30Watts Power
Bilipod LED can save almost Rs 19700/-* over 30000 hours compared to conventional Phototherapy units consuming 120Watts
*Assuming Rs 5.35 / kWh of electricity



Observation Lamp

Two Observation White LEDs provide enough light to observe the color of baby's skin



Timer

LCD Based Timer measuring Total Lamp Usage - hhhhh
Patient Timer - hhh:mm

Bilipod LED From Above



Bilipod LED Double Surface Phototherapy Unit

Overhead LED Module has 11 High Intensity LED Lamps and 2 white observation LEDs

Undersurface LED Module also has 11 high intensity LED Lamps and 2 white Observation LEDs

Sturdy Baby Trolley consists of -

- Collapsible Side Panels
- Transparent Baby Tray with Bubble Mattress
- Height Adjustment and Angle Adjustment for Overhead LED Module
- Four Swivelling castor wheels with brakes

Also available - Bilipod Double Surface Phototherapy Unit with Detachable trolley



NO IR Radiation

Bilipod LED Phototherapy is totally cool therapy and does not generate heat. It does not emit light in Infrared range thereby reducing the risk of fluid loss



NO Ultraviolet Radiation

Bilipod LED Phototherapy does not emit light in the Ultraviolet (UV) Range thereby reducing the risk of skin and eye damage



Models

BILIPOD LED Phototherapy From Above

BILIPOD LED Phototherapy Basic Unit

BILIPOD LED Double Surface Phototherapy with trolley in M.S

BILIPOD LED Double Surface Phototherapy with trolley in S.S

BILIPOD LED Double Surface Phototherapy with detachable trolley in M.S

BILIPOD LED Phototherapy with Baby Tray in M.S

BILIPOD LED Phototherapy from below

BILIPOD LED Phototherapy Unit with Intensity Control

BiliPOD 360 LED

Neonatal Phototherapy

Jaundice Management is critical for Newborns and premature babies. BILIPOD 360 offers a new MULTIDIRECTIONAL INTENSIVE PHOTOTHERAPY which brings new standards and benefits for newborn



Ergonomic Design

Multidirection Light Distribution

Complete exposure to light with Intensive Phototherapy care

Reduction in Treatment Time

Rapid Degradation of Bilirubin Level

Stable environment maintained along with temperature regulation with integrated fan cooling system

Uniform Light Distribution with 90 High Intensity LED Lamps

High Irradiance Levels allows faster Bilirubin breakdown

Irradiance > 60 uW/cm²/nm

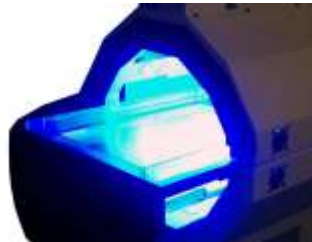
Lamp Unit Size: 70cm x 76cm x 165cm

Height Adjustability - upto 25cm

Weight - 50Kgs

Life of Lamps - 30000 hours

Electrical Elevation of the upper couple on push of the foot switch.



Slide out tray for easy access of the baby



Graphic LCD Display allows display of Total Time, Baby Time and monitors Baby and Air Temperature

Neonatal Phototherapy **BILIPAD** LED Phototherapy Unit



Portable, Light Weight, Power Saving, Safe, Quiet Effective, Water Proof, Shock Proof, Low Cost, Low Maintenance

Portable	Bilipad can be carried anywhere, Neonatal ICU, Baby Nursery, or at home
Light where it is needed	Bilipad can be used in any environment - radiant warmer, incubator, bassinet, crib or in mother's arms.
Power saving	Low power consumption - 30W with overcurrent protection. Traditional phototherapy consume more than 210W.
Surface Area Coverage	More skin Surface area covered than traditional overhead lamps
Long life	LED's have a life more than 20000 hours compared to traditional CFL and Blue Tube lights (2000 hours)
Maintenance Free	No movable parts, trolley or light boxes with lamps. Hence Bilipad is Maintenance free. Bilipad is easily replaceable.
Distance	Bilipad is in contact with Baby's skin. Hence distance deficiencies are eliminated.
Light weight	Bilipad is very light weight (<200g)
No Harmful UV Light	No harmful UVR Radation are found in LED phototherapy as opposed to CFL or Blue Tube lights.
Mother-Baby bonding	There is no barrier between Mother and Baby during phototherapy. Mother can feed, hold or even rock throughout the therapy session.
Quiet operation	Bilipad has zero noise operation giving a quiet environment in NICU.
Space conserve	Bilipad can conserve space on all areas with quick and easy access to the newborn.
Clean	Can be cleaned easily even if baby urinates

BiliPOD CFL / TL

Neonatal Phototherapy

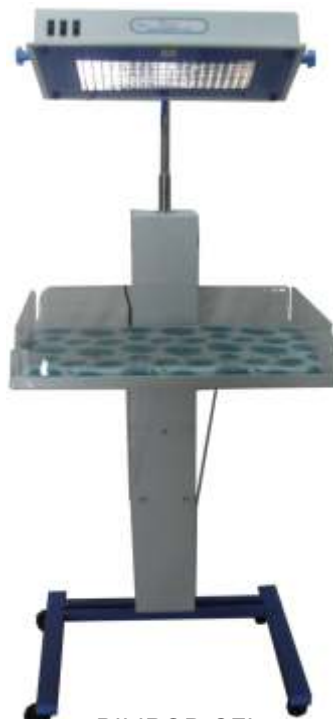


BILIPOD CFL
From Above

Light Source	Fluorescent CFL / Tubelight
No of Lights	4 UV Lamps + 2 White
Wavelength	450-480 nm
Irradiance	>30uW/cm ² /nm
Effective Surface Area	40 cm x 50 cm
Lamp Rotation	-180° to +180°
Angle Adjustability	-180° to +180°
Height Adjustability	125 cm to 180 cm
Power Consumption	120W
Life of Lamps	2000 hours
Timer	LCD Based Timer
	OPTIONAL



BILIPOD CFL
Double Surface



BILIPOD CFL
With Baby Tray



BILIPOD Tubelight
From Above

Models

BILIPOD CFL From Above
 BILIPOD CFL Double Surface
 BILIPOD CFL Double Surface in S.S
 BILIPOD CFL From Below
 BILIPOD CFL with Baby Tray in M.S

BILIPOD Tubelight From Above
 BILIPOD Tubelight Double Surface
 BILIPOD Tubelight Double Surface in S.S
 BILIPOD Tubelight From Below
 BILIPOD Tubelight with Baby Tray in M.S

Neonatal Phototherapy **BiliProbe** Jaundice Detector

AVI Healthcare's **Transcutaneous Jaundice Detector** is a handheld instrument used in the dynamic clinical examination of neonatal jaundice. It non-invasively and instantly tests the transcutaneous concentration of bilirubin correlative with serum bilirubin concentration by placing it on the neonatal skin that prevents the neonates from any discomfort brought by blood drawing. Moreover it reduces the test costs and increases the working efficiency of doctors and nurses.

NO INFECTION

ACCURATE RESULTS



INSTANT READING

NO PAIN

NO INVASION

It is developed with advance electronics and optics, adopting Fiber Optics, spectrum splitter, controlled spectrum filter, NFM switching, and information processing techniques

Accurate result, instant and safe test

LCD display for convenient observation

Streamline design, delicate appearance, comfortable to hold

Long service life, low energy consumption

Battery indicator clews battery power information and timely prompts battery replacement

Instant test result reading, providing serum bilirubin concentration

Storage and memory function

Browse and delete function

Convenient self calibration

Easy to operate and maintenance

Mean value computation



Neonatal Phototherapy

Bilprobe Irradiance Meter

Handheld Irradiance (Flux) meter for measurement of the output of conventional Phototherapy Units.

Bandpass filter - 425nm to 475nm

Range: 0 to 200 $\mu\text{W} / \text{cm}^2 / \text{nm}$

Minimal Graduation: 1 $\mu\text{W} / \text{cm}^2 / \text{nm}$

Accuracy: $\pm 10\%$

Measuring Time: Appox 4-5 seconds

Press to ON Switch

Battery: 9V Alkaline



Phototherapy EyePATCH

Phototherapy EyePATCH has been designed to assure complete comfort, and eye protection for infants during Phototherapy Treatment.

Adjustable Band for proper comfort and secure fit

Easy to use design

Large eye protection pad increases light protection

Single Piece wrap around design can be independently adjusted to prevent unwanted movement.

Our Distributor



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Formerly, DELTA MEDICAL APPLIANCES