



Tel: 01663 735494
Web: www.qedscientific.com



Neonate Phototherapy Device



Model: KMF-01

SPECIFICATIONS

The device is produced for using in newborn and premature services of hospitals and maternity wards, its height can be adjusted.

The device can be used with incubators, open bed and bassinets.

Power led technology has been used.

In the led unit, 34 pieces of power led has been used

Through the lenses placed on leds, intensity of light is distributed equally to the body of patient.

There are regular and intensive treatment options.

Light intensity can be adjusted according to need

The device does not emit infrared and ultraviolet light.

The device can be directly placed on an incubator with the help of it's suction cups and it can be used with it's own control stand.

Through the LCD screen, treatment intensity and period can be adjusted easily.

There is red focus light with the purpose of centralizing the light on baby.

Control stand, through its telescopic structure and lockable wheels, provides safe use.

Treatment period, total operating time and usage of the lamps can be monitored from the LCD screen on the device. When set treatment period comes to an end, device will be closed automatically.

The device has a fan system to avoid overheating For easy use, device's on-off switch is on the front side.

LED lamp life is 20,000 hours in the use of high light intensity.

LED panels can be easily replaced.

Skin temperature measurement can be monitored on the screen. (Optional)

The device can be produced with colorful (TFT-LCD) screen (Optional)

There is an examination lamp mounted on device

The device can measure its own light intensity (Optional)



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Egitim Mah. Şirinyuva Sok. No:3 Kat:1 Daire:1 Kadıköy - İSTANBUL
Tel: 0216 336 27 64 Fax: 0216 336 27 09 www.istanbulmedikal.com

ISO 9001 ISO 13485



Neonate Phototherapy Device

TECHNICAL SPECIFICATIONS

Power requirement: : 100 - 240 V AC (\pm %10) ,50 Hz/60Hz

Lamp Type 34 pieces Blue Power LED

Lamp Lifetime: 20.000 Hours

Light Intensity: > 100 μ w/cm²/ nm

Wavelength 450-470nm

Effective Surface Area 50 x 30 cm

Noise level: <50dBA

DIMENSIONS :

Width200 mm

Lenght.350 mm

Height 90 mm

Weight Base Unit 1,8 kg

..... .Mobile stand 15 kg

Mobile Stand Height Adjustment 135 cm - 165 cm

ENVIRONMENTAL REQUIREMENTS :

Operating Temperature Range.....+15 °C ~ +35°C

Storage Temperature Range (- 20) °C ~ +50°C

Operating Humidity Range%5 ~ % 99 RH non-condensing

Storage Humidity Range %0 ~ % 99 RH non-condensing

Class..... IIb Tip BF

SecurityEN 60601-1,EN 60601-1-2,EN 60601-2-50

Labelling EN 1041:2012, EN 980:2011

Risk Analysis ISO 14791:2010

Medical Device 93/42/EEC



QED Scientific Ltd. Unit 21 Botany Business Park, Whaley Bridge. SK23 7DQ

Phone: 01663 735494

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