CONTACT PHOTOTHERAPY

B'BLOO 1980

Fibre-optic LED phototherapy blanket

MANUFACTURER

Jaundice treatment without separating baby from parents: in the incubator, in the cot or in their arms.







OVERVIEW

Médipréma's B'BLOO phototherapy blanket gives effective, flexible jaundice treatment. Blue light from LEDs housed in the control box is carried by optical fibre to a radiotransparent blanket placed under the infant.

The blanket can be used in an incubator, on a radiant warmer, in a cot, or in a parent's or carer's arms: the baby can be held and fed during the session. It can be combined with a LEDDY BLOO phototherapy hood for more intensive treatment.

The box sits on a shelf or a piece of furniture, or on the 1982 mobile stand with basket.

KEY FEATURES

- Irradiance of 3.5 mW/cm² (≈ 60 µW/cm²/nm) at contact
- 2 adjustable intensity levels
- 460 nm blue LEDs, lifetime > 30,000 h
- 300 × 200 mm fibre-optic blanket, radiotransparent
- Use in an incubator, on a radiant warmer, in a cot or in arms
- Supports mother-baby closeness and developmental care
- Timer, hour counter and pause key
- Compact 2.8 kg box with handle
- Can complement a LEDDY BLOO hood

TECHNICAL SPECIFICATIONS

Specification	Value
Manufacturer	Médipréma
Origin	France
Type	Fibre-optic phototherapy blanket
Manufacturer reference	1980
Irradiance	3.5 mW/cm² (≈ 60 µW/cm²/nm) on the blanket, measured 400 to 550 nm (DIN 5031)
Intensity	2 adjustable levels
Light source	460 nm blue LEDs, in the control box
LED lifetime	> 30,000 h
Blanket	300 × 200 mm, optical fibre, radiotransparent, polyurethane sheath
Control box (L × W × H)	209 × 190 × 255 mm – 2.8 kg, built-in power supply
Controls	Digital display, timer, hour counter, pause key
Noise level	40 ± 3 dB(A) at 1 m

Specification	Value
Power supply	220-230 V ~ 50/60 Hz – 60 VA – electrical class I
Indicative export packing (with 1982 stand)	128 × 81 × 44 cm – 50 kg gross
Medical device class	IIa – CE 0459
IBSGROUPE warranty	1 year (1- or 2-year extension available)

SUPPLIED CONFIGURATION

- 1 × B'BLOO 1980 phototherapy control box
- 1 × fibre-optic blanket 300 × 200 mm

OPTIONS AND ACCESSORIES

Mfr. ref.	Description
1982	Mobile stand with basket – B'BLOO

ASSOCIATED CONSUMABLES

Mfr. ref.	Description
1983	Protective cover for B'BLOO blanket
1984	Washable cotton sleeping bag with pocket for B'BLOO blanket
4165	Eyemax phototherapy goggles MICRO (head 20-25 cm)
4166	Eyemax phototherapy goggles PREEMIE (head 26-32 cm)
4167	Eyemax phototherapy goggles REGULAR (head 33-38 cm)

APPLICATIONS

The B'BLOO 1980 is particularly suited to:

- Maternity units and mother-baby rooms
- Neonatal units
- Phototherapy in an incubator, on a radiant warmer or in a cot

Please note — The 1982 mobile stand with basket is sold separately.

Manufacturing and distribution — Designed and manufactured in France by Médipréma (CE 0459, notified body GMED), distributed by IBSGROUPE Ltd. Non-contractual document. Specifications may be changed by the manufacturer without notice. In case of discrepancy between text and image, the text prevails. IBSGROUPE ref. : IBSLTD-MDP-1980.