

Specification: BL70

The graphic features the word "COMEN" in large, bold, white, 3D-style letters. Above the letters, a stylized white arc resembling a globe's horizon is composed of numerous smaller, overlapping "COMEN" text elements in various shades of blue and white, creating a sense of global connectivity.

COMEN Share with the world

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Phototherapy Unit

BQ 80A



Physical Characteristics

Size: 217mm×98mm×460mm (W*H*L)
 Screen: Size: 4.3" touch screen
 Brightness: adjustable from 1-5
 (Touch screen calibration is supported).

Work Modes and Standard Functions

Ordinary mode: YES
 Automatic mode: YES
 Power: 25W
 Red light positioning: Red light positioning function (positioning function by the radiant meter); auto switch off function (when the blue light is on); Blue light spot positioning function.
 Noise level: 20 dB or less; No fan
 Over temperature protection: Cut off the LED power at 70±5°C
 LED light life span: 50,000 hours
 Total working time of LED light: Automatically record by system
 Timer: Countdown, setting range from 1~99h, (min step: 1 hour)

Optional Functions

Trolley: Optional
 Camera: Optional, real-time monitoring of the baby status

Irradiance Performance

Wavelength: 400-550nm
 Irradiance: **Ordinary mode:**
 3.8±25% mW/cm^2 (63±25% $\mu W/cm^2/nm$)(Distance 350mm)
 2.5±25% mW/cm^2 (41±25% $\mu W/cm^2/nm$)(Distance 450mm)
 1.5±25% mW/cm^2 (25±25% $\mu W/cm^2/nm$)(Distance 600mm)
Automatic mode:

3.8±25% mW/cm^2 (63±25% $\mu W/cm^2/nm$)(Distance 350mm)
 2.5±25% mW/cm^2 (41±25% $\mu W/cm^2/nm$)(Distance 450mm)
 1.5±25% mW/cm^2 (25±25% $\mu W/cm^2/nm$)(Distance 600mm)

Average Irradiance:

Ordinary mode:

2.7±25% mW/cm^2 (45±25% $\mu W/cm^2/nm$)(Distance 350mm)
 2.1±25% mW/cm^2 (35±25% $\mu W/cm^2/nm$)(Distance 450mm)
 1.4±25% mW/cm^2 (25±25% $\mu W/cm^2/nm$)(Distance 600mm)

Automatic mode:

2.7±25% mW/cm^2 (45±25% $\mu W/cm^2/nm$)(Distance 350mm)
 2.1±25% mW/cm^2 (35±25% $\mu W/cm^2/nm$)(Distance 450mm)
 1.4±25% mW/cm^2 (25±25% $\mu W/cm^2/nm$)(Distance 600mm)

Irradiance setting range:

Ordinary mode:

5 levels, 20%, 40%, 60%, 80%, 100%

Automatic mode: 5 levels

12.6 $\mu W/cm^2/nm$ 、
 25.2 $\mu W/cm^2/nm$ 、
 37.8 $\mu W/cm^2/nm$ 、
 50.4 $\mu W/cm^2/nm$ 、63 $\mu W/cm^2/nm$
 or 0.76 mW/cm^2 、1.52 mW/cm^2 、
 2.28 mW/cm^2 、3.04 mW/cm^2 、3.8 mW/cm^2 。

Irradiance unit option:

$\mu W/cm^2/nm$ 或 mW/cm^2

Irradiance

>0.4

homogeneity:

Effective surface 30×16cm (Distance 35cm)
of the blue light 30×24cm (Distance 45cm)
(Elliptic spot): 40×24cm (Distance 60cm)

***Notice: Specifications subject to changes without prior notice. All rights reserved by COMEN**