

QED
SCIENTIFIC



BC050 MOBILE PHOTOTHERAPY

A FAST AND EFFECTIVE SOLUTION TO NEONATAL JAUNDICE

AWARD WINNING PHOTOTHERAPY

Offering fast and effective treatment of neonatal jaundice, the BC050 mobile phototherapy unit from Okuman Medikal.

Operating at optimum wavelength with 32 super LEDs, a 50 x 25cm active treatment zone and adjustable treatment upto 120 $\mu\text{W}/\text{cm}^2/\text{nm}$.

The BC050 has an impressive bulb life of up to 50,000 hours giving longevity of use without compromising on quality.

The easy to operate 3.5" touch screen control allows the user to easily adjust and set treatment parameters as well as viewing treatment information.

FEATURES

- Winner of 2017 Good Design Award
- 50,000 hours lamp life
- 3.5inch LCD TFT Colour touch screen control
- Light intensity adjustment with range 0-100%
- 32 Super Blue LEDs
- Marking and examination lights
- 1-999hr treatment time and down counter
- Skin temperature probe
- High & low skin temperature alarm
- Treatment end alarm
- Stand with height adjustment
- Fully rotatable head module

Contact us to discuss your requirements and specification or to request further information.

Office

info@qedscientific.com

01663 735494

TECHNICAL SPECIFICATION

Light Source	32 Blue Super LED
Examination	8 White Super LED
Screen Type	3.5" LCD TFT Colour Touchscreen
Spectral Irradiance	6 - 120 $\mu\text{W}/\text{cm}^2/\text{nm}$
Wavelength Range	450-470nm (458nm)
Treatment Lifetime of Lamps	50,000 hours
Skin Temperature	✓ (Skin Temperature Range 10°C - 45°C)
Skin Temperature Alarm Limitations	30°C - 39°C
Adjustable Irradiance Intensity	0 - 100% in 5% increments
Treatment Timer (Up and Down)	1 - 999 hr
Safety of Screen	Touchscreen Lock
Alarms (Audible/ Visual)	High Skin Temperature
	Low Skin Temperature
	Temperature Deviation (0.5°C / 1°C)
	Treatment End
	Lamp Life Timer
	Skin Probe Failure
Overheat	
Alarm Silence	From Touchscreen
Noise Level	< 30 db
Fan	Fanless Cooling System
Head Rotation	360° in all directions
Stand	Height Adjustable by Foot Pedal
	Castors with Locking Mechanism



PHYSICAL SPECIFICATION

Phototherapy Unit Head (WxDxH)	485 x 240 x 130mm
Weight of Unit Head	3kg
Adjustable Height (min/max)	1200 - 1570mm
Weight of Stand	17kg

STANDARDS

Classifications	BF
Quality Standards	ISO13485, 93/42/EEC and CE Certificate
Warranty	2 years
Electrical Standards	IEC606001-2-50; IEC60601-1; IEC0601-1-2



