

TECHNICAL DATA SHEET

LED Phototherapy Unit YSBL-100L

YSBL-100L LED phototherapy Unit

STANDARD COMPOSITION:

- Use blue tube or LED as light source;
- LED Digital Timer, display therapy time & total time;
- Lifting & Mobile Stand, radiant head rotating by angle of 30°/ 60° /90°.

TECHNICAL SPECIFICATIONS:

Input power: <150VA

Light source: Blue tube/ LED tube

Light source effective life: 2,000 /50,000 hours

Wavelength: 400-550nm

Luminosity: $\geq 4300\text{Lux}$ at distance of 40cm

Irradiance treatment distance: 35cm

Effective area: 45cm×24cm

Bilirubin total irradiance maximum (Ebi max): $\geq 2000\mu\text{W}/\text{cm}^2$

Ebi in effective area surface: $\geq 500\mu\text{W}/\text{cm}^2$

Ebi average in effective area surface: $\geq 400\mu\text{W}/\text{cm}^2$

Uniformity of Ebi: >0.4

Infrared radiation in effective area: $\leq 10\text{mW}/\text{cm}^2$ (760nm< λ ≤1400nm)

Ultraviolet radiation in effective area: $\leq 1.0 \times 10^{-5}\text{mW}/\text{cm}^2$ (180nm< λ ≤400nm)

Time display accuracy: 2h±1min

Operate noise: $\leq 55\text{dB(A)}$ (ambient noise is lower than 40dB(A))

Basic performance: the equipment total irradiance (Ebi) $\geq 500\mu\text{W}/\text{cm}^2$.

Time display range: 9999h 59min

Adjust angle: 30°, 60°, 90°

Adjust height: 1100mm~1500mm

ENVIRONMENT CONDITION

Environment temperature

Operate temperature range: +10°C ~ +30°C

Storage temperature range: -40°C ~ +55°C

Environment humidity

Operate humidity range: 30%~75%

Storage humidity range: 10%~100%

Transport and storage atmospheric pressure range: 700hPa~1060hPa

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Information from the authorized catalog. Confirm configuration, accessories and documentation in the quotation.

Assisted translation: review the manufacturer specifications before purchasing.