DUV-HOME

COMPACT UVB LED PHOTOTHERAPY DEVICE

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Not CE marked.

For exhibition and demonstration purposes only.

CE marking / FDA regulatory preparations: not yet started.
Planned start: 2027 - Timing to be confirmed

25 mW/cm²
Irradiance

310 ± 2 nm
SMD UV LED

27.5 cm²
Treatment area

UVB LED PHOTOTHERAPY

Intuitive, convenient operation.



COMPACT UVB PHOTOTHERAPY

Compact UVB. Intuitive operation.

DUV-HOME is a compact UVB phototherapy device for dermatological use. It is intended for use by medical specialists or for home use by individuals with a specialist's approval. Built on Choyang Medics' technology, it combines essential functionality with intuitive, convenient operation. It uses a 310 ± 2 nm SMD UV LED light source for the treatment of skin lesions suitable for UVB phototherapy.



Front view

2.4-inch LCD screen

Large Display and Intuitive Controls

The large 2.4-inch LCD screen makes on-screen information easy to read during treatment. Intuitive electronic controls allow users to adjust device settings conveniently, supporting smooth and efficient treatment.

DEVICE SPECIFICATIONS	
LCD display	**2.4-inch LCD screen**
Rated power	**25 W**
Input power	**100-240 V, 50/60 Hz**
Dimensions	**254 × 81 × 69 mm**

LIGHT SOURCE & DELIVERY

High Irradiance and Uniform Light Distribution

25 mW/cm² — Irradiance

27.5 cm² — Treatment area

DUV HOME delivers a high irradiance of 25 mW/cm². The SMD UV LEDs are arranged so that their light overlaps across the treatment area, reducing variations in irradiance and producing a more uniform light distribution. Its large 27.5 cm² treatment area enables rapid treatment delivery.

No Routine LED Replacement

The LED light source does not require routine lamp replacement.

UV LED SPECIFICATIONS	
Light source	**SMD UV LED**
Output wavelength	**310 ± 2 nm**
Irradiance	**25 mW/cm²**
Treatment area	**27.5 cm² (50 × 55 mm)**
Light source lifespan	**3,000-5,000 hours**