Xen LED PHOTOTHERAPY

EXPERTS IN AESTHETIC ENERGY TECHNOLOGIES

OPTIMISING SKIN HEALTH AND CELLULAR BEAUTY

The original Xen LED was designed with the advanced clinician in mind. It allows the flexibility of utilising three clinically proven wavelengths in one array: No time wasted having to change LED heads, added with fully customisable protocols and treatment times spanning from only 7 minutes (on higher intensity) up to 30 minutes depending on skin type and condition.

Xen LED uses 10,500 precisely aligned diodes, ensuring a zone of very high photon intensity to provide fast full dosage treatments and uniformity over the target tissue, thus maximising therapeutic outcomes with little time investment.

CLINICALLY PROVEN WAVELENGTHS

Xen LED utilises evidence-based, medically optimised red, blue and near infrared wavelengths due to their ability to be preferentially absorbed by target cells and tissues for overall skin enhancement.

TREAT LARGE AREAS WITH UNIFORMITY AND PRECISION

Optimised Flat Distribution (OFD) allows even and consistent energy distribution throughout the entire target layer and area delivering precise outputs and consistent results every time.

HIGH PHOTON INTENSITY AT OPTIMISED HIGH DOSE OUTPUTS

3rd Generation Chip-On-Board (COB) LED technology combines 415nm, 633nm and 830nm in 10,500 precisely aligned diodes, delivering high photon intensity and fast full dosage treatments in less time.

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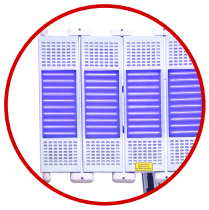
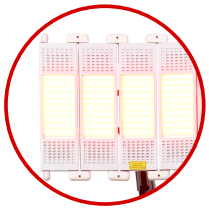
ENGINEERED FOR MAXIMUM EFFICACY AND PERFORMANCE

BENEFITS

- Increase clientele and generate more revenue per patient
- Less treatment time required for optimal results
- Clinically proven results
- ISO13485:2016 accredited medical device manufacturer
- Australian designed and engineered
- Medically CE marked and TGA-listed
- Advanced training and support
- Easy upsell and promotion of treatment packages
- Mixed modality treatment offerings increase return per client
- High patient throughput
- Versatile with customisable protocols
- Proven profitability
- All 3 wavelengths in one array
- Adjustable panels for flat or curved surface use



Blue 415nm is used to treat inflammatory acne vulgaris as it interacts with p.acnes bacteria to produce a photodynamic reaction that destroys the bacteria. It is also proven effective in reducing pore size and balancing sebum production.



Red 633nm accelerates cell renewal and repair by stimulating fibroblasts to form collagen and elastin for smoother, firmer skin. It is clinically proven to increase the body's natural form of cellular energy (ATP) which kickstarts cells to regenerate faster.

NIR 830nm has even more photobiostimulatory effects. Deep tissue penetration of NIR light stimulates a photochemical reaction within cells that triggers collagen formation and produces systemic healing effects. The process increases blood flow and oxygenation while improving mitochondrial function, energy production, and cell regeneration.

SPECIFICATIONS

Light Source	Tri-Coloured COB LED Array
Wavelength	Blue 415 +/- 2nm, Red 633 +/- 2nm, NIR 830 +/- 2nm
Number of LEDs	10,500 LEDs per system
	3,500 LEDs per wavelength
Intensity-Planar	415 nm: 20-65 mW/cm2
	633 nm: 42-140 mW/cm2
	830 nm: 32-105 mW/cm2
Class	Medical Class 2A (Risk Group 3)
Dimensions	Body (mm): 600 (L) x 655 (W) x 1300 (H)
	Head (mm): 450 (L) x 300 (W)
Weight	60 kg
Power Requirement	240 V 50 Hz
Power Consumption	400 VA

aesthetic BUREAU

CERTIFIED ISO 13485 · ISO · QUALITY MANAGEMENT SYSTEM FOR MEDICAL EQUIPMENT MANUFACTURE

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