

# FlexLux™

High Intensity & Multiple Light Therapy  
Device, with PBM (Photobiomodulation).

IMPROVE WOUND & SOFT TISSUE HEALING  
REDUCE INFLAMMATION  
RELIEVE ACUTE & CHRONIC PAIN



TGA ISO CE



# FlexLux™

## Latest technology, PBM (Photobiomodulation)

FlexLux™, the latest technology-intensive LED system, has various additional functions for customer's needs. You can expect the best results with its user-friendly features and convenience for use. Especially its customised LED panel; it has been designed for optimum flexibility for the user. It enables the user to change different angles to adjust the distance between objects more precisely and consistently.

### PBM (Photobiomodulation)

Photobiomodulation is a non-invasive non-thermal therapy which stimulates cells to generate more energy and undergo self-repair through the use of near infrared light (NIR).



830nm



633nm



590nm



415nm



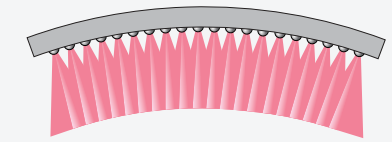
# Why FlexLux™ is *superior*

- Ultra-high and light uniformity
- Switch wavelengths (415nm, 590nm, 633nm, 830nm) without head (lamp) replacement
- Flexible and ergonomic LED panel
- Selective-parcel operating mode
- Extremely low noise design

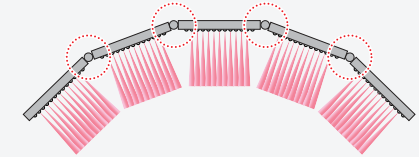
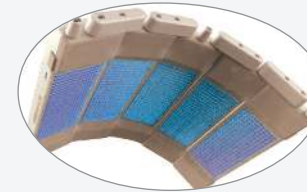
FlexLux™



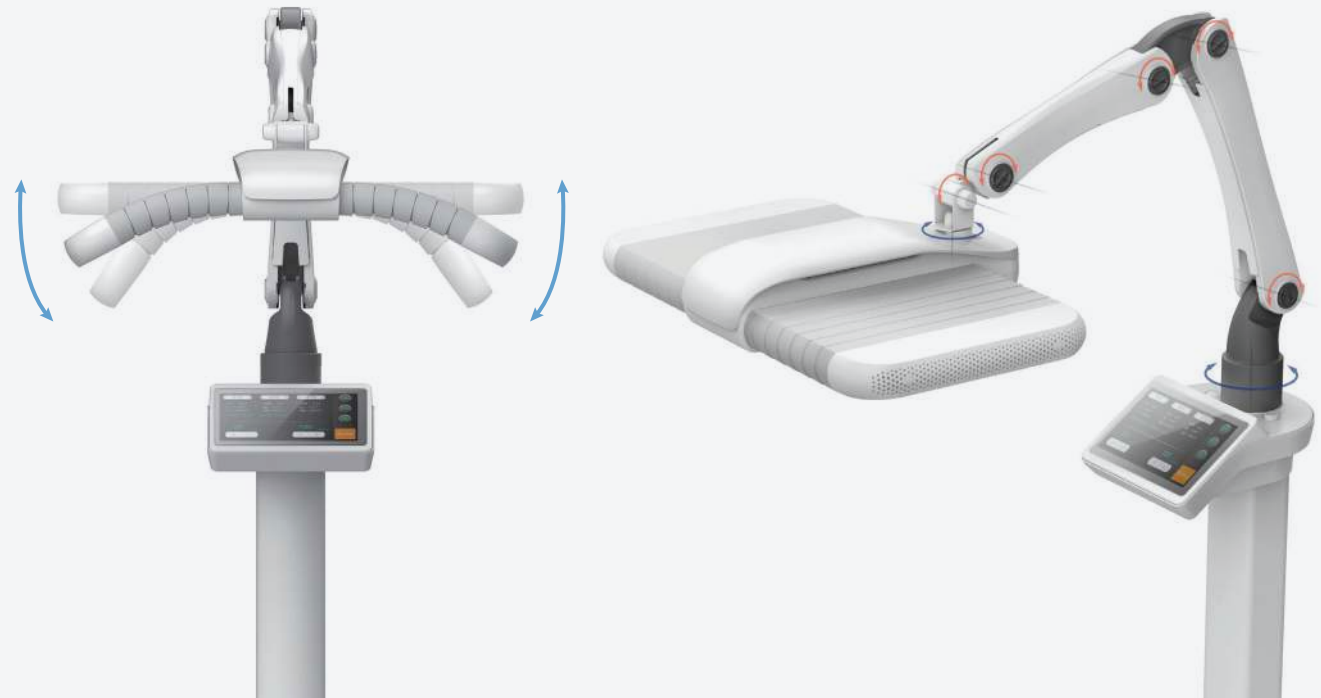
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Competitor

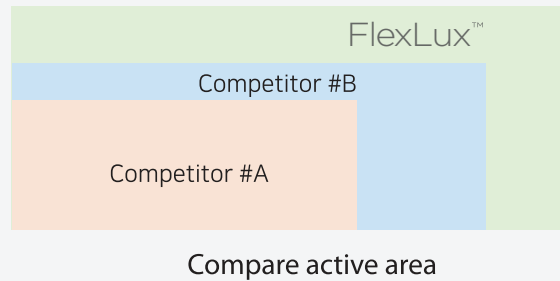


The flexible and ergonomic LED panel can be freely bent, modifying the distance between objects more precisely. Whereas a competitor's product LED panels are connected by hinges, generating the errors of distance from the application site when changing the angles of each panel.



# Why FlexLux™ is *superior*

- High-intensity micro LEDs packaging system
- Selective and multiple operating modes
- Optimal cooling system; consistent and direct cooling system through cross-flow fan



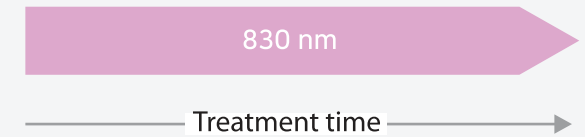
**High intensity lamps** arranged in the maximum number per unit area. Using 3 different wavelength high power density chips, FlexLux™ arranges maximum numbers of micro LEDs closely positioned for maximum power output per unit area (maximising the area of implementation).

## Selective and multiple operating modes

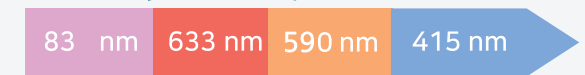
available for users to select based on achieving the best results for patients.

1. Single wavelength mode
2. Multi-wavelength mode (adjustable)
  - sequential lasing with selective wavelength
  - simultaneous lasing with mixed wavelength

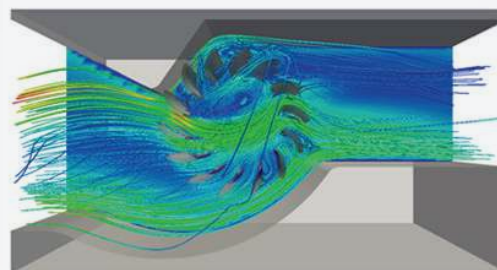
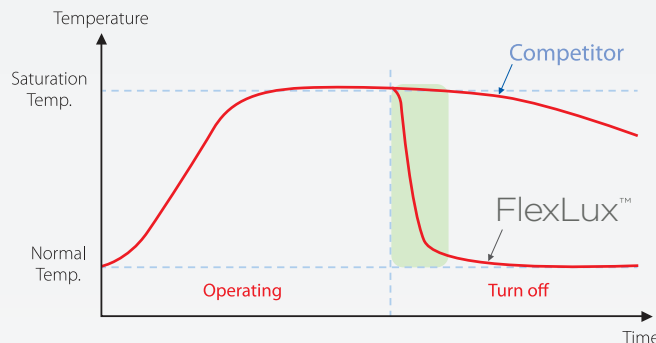
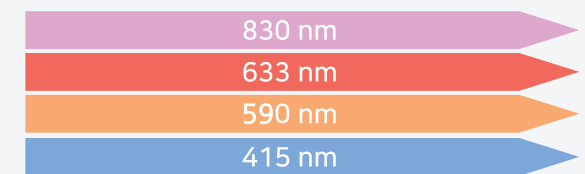
### "Single Wavelength Mode"



### "Adjustable Sequential Mode"



### "Mixed Simutaneous Mode"



**Cross-flow fan system** creates no hot spot at the centre of the panel and extends the life cycle of lamps and the product. Fewer fans can effectively reduce the machinery noise during the operation.



*“Quality in a product is not only what you put into it. It is what the customer gets out of it.”*

*~ Soma Lasers Australia*

### Unmatched, incomparable device made with the therapist in mind

Soma devices are made with the highest quality engineering working together with Germany, Korea, Japan the USA and proudly designed in Australia for fantastic durability.

### Warranty

We back up our promise at Soma Lasers Australia, with a 2 year warranty on all our new medical aesthetic devices.

### FlexLux™ Specifications

Type of light source	LED (Light Emitting Diode)
Wavelength (nm)	830nm±5% 633nm±5% 590nm±5% 415nm±5%
Intensity (mW/cm <sup>2</sup> )	830nm : 60 ~ 120 (mW/cm <sup>2</sup> ) 633nm : 40 ~ 110 (mW/cm <sup>2</sup> ) 590nm : 5 ~ 20 (mW/cm <sup>2</sup> ) 415nm : 10 ~ 40 (mW/cm <sup>2</sup> )
Cooling system	Cold air
Display	7 inch Touch LCD
Dimensions (H x W x L)	1600 x 560 x 670 (mm)
Voltage	AC 100-240V, 50/60Hz
Weight	23kg

\* All specifications are subject to change without notice

\* Please read precaution and instructions before use

*Equip your salon  
or clinic with*



Our demonstration suite is situated at:  
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