

## High-power SMD LED

The new-generation SMD LEDs have very high photo-energetic radiation levels.

## Windows PC color touchscreen

- Programmable treatment duration, energy in J/cm<sup>2</sup>, wavelength and pulse time
- Pre-recorded protocols
- Place to save your own protocols
- User-friendly software
- Standard: red 630 nm, yellow 590 nm and violet 410 nm
- Optional: green 530 nm, infrared 830 nm and blue 470 nm

## Rangefinder

Contains an ultrasonic sonar for optimum calculation of the distance between the LEDs and the skin.

## WHAT IS PHOTOBIMODULATION ?

Photobiomodulation allows the cytochrome stimulation of mitochondria by photons emitted by LED's. This process leads to an adenosine triphosphate production that allows cellular renewal. This process stimulates the neocollagen in the skin. This technology is used to treat a number of pathologies: Post-operative and repair treatments (scars, burns, stretch marks...)  
Dermatologic treatments (acne...)  
Aesthetic medical treatments (anti-ageing, alopecia...)



*Prerecorded protocols*

Indication	J/cm <sup>2</sup>	Time (min)	Wave-lengths	Distance between the LED panel and the skin (in cm)	Number of sessions	Frequency / week
Post peeling Menemoy	20	10	Red	5 to 8	1 to 2	1
PDT (AMM Metvix)	37	11	Red	5 to 8	1 to 3	Control to 1, 3, 6, 9
Photorejuvenation	50	20	Red +Yellow+IR	5 to 8	6 to 8	2
Post-op scars	22	15	Red +Yellow+IR	5 to 8	6 to 8	1
Old scars *	55	20	Red +Yellow+IR	5 to 8	6 to 8	2
* Stretch Marks	55	20	Red +Yellow+IR	5 to 8	6 to 6	2
Acne**	45	15	Red	5 to 8	6 to 8	1
Acne**	40	25	Purple	5 to 8	6 to 8	1
Burns	32	16	Red +Yellow+IR	5 to 8	1 to 6	2
Pain	15	21	IR+Yellow	5 to 8	1 to 4	--
Alopecia***	40	26	Red +Yellow+IR	5 to 8	20	2
Post lasers	10	5	Red	5 to 8	1 to 2	1
Post injections	10	5	Red	5 to 8	1 to 2	1
Peeling Rénophase	50	20	Red	5 to 8	2 to 3	-

- Stretch Marks: Dermabrasion the stretch marks before passing the lamp. Do Not wear black underwear.
- Acne: Alternate, in the same week, a red light session and then a blue light session.
- Alopecia: Use the yellow light and couple the sessions with mesotherapy.