

SKIN COOLING SYSTEM



SOLARI's Skin Cooling System maintains the cooling temperature of the contact point to provide the most comfortable and safe operation possible.

This Skin Cooling System can minimize the temperature of the target tissue for safer operation.

RAPID REPETITION RATE



Operation time is important for clinics because faster treatment times provide a better patient experience and enable physicians to achieve better productivity and a higher patient throughput. SOLARI, compared to other IPL systems on the market, offers very rapid repetition rates enabling faster treatment times and optimum clinic efficiency.

SYSTEM SPECIFICATIONS*

| | |
|---------------------------------|--|
| Spot Size | 12 × 40 mm (4.8 cm ²) |
| Wavelength (Dual Filter System) | 420 ~ 750 nm, 510 ~ 950 nm, 570 ~ 950 nm 620 ~ 950 nm, 670 ~ 950 nm, 710 ~ 950 nm |
| Max. Fluence | 35 J/cm ² |
| Operator Mode | Normal Mode, Advanced Mode, S-Toning Mode (620 nm Filter) |
| Display | 8" Color Touch LCD |
| Pulse Shape (in time) | Square Pulse |
| Dimensions (mm) | 570 (D) × 367 (W) × 1027 (H) |
| Pulse Width | 5 ms ~ 300 ms |
| Weight | 82.5 kg |
| Cooling Method | Sapphire Contact Cooling |
| Input Power | AC 220 V / 60 Hz (2.4 kVA) |



SOLARI™
Square Pulse Technology

THIS CHANGES
EVERYTHING

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TRUE SQUARE PULSE TECHNOLOGY

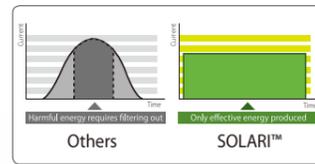
SOLARI™ is an IPL system, differentiated from all others by its cutting-edge technology which guarantees precise treatment and minimized side effects.

HIGH QUALITY SQUARE PULSE

The amount of light emitted from an IPL is proportional to the pattern of the current through the flashlamp. In conventional IPLs, the current pattern tends to be Gaussian, which produces an uneven beam distribution over the pulse with a central "hot spot".

Lutronic's Simmer Mode Technology drives the SOLARI flashlamp evenly to produce a very stable, flat and homogeneous spectral output over the entire pulse, as seen in the illustration in the right-hand panel: this is SOLARI's true square pulse technology.

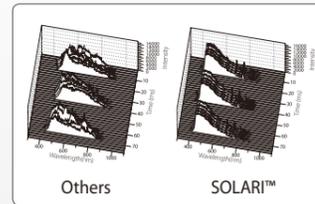
With this square pulses, the clinician can get homogeneous delivery of light across the treated area with no hot spots, thereby helping prevent unwanted side effects.



TIME RESOLVED SPECTRAL DISTRIBUTION

Fluctuating Spectrum vs. Stable Spectrum

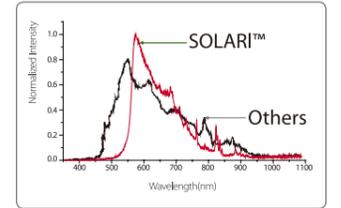
SOLARI's time resolved spectral distribution delivers an even distribution of the spectrum for each micropulse over time as illustrated in the right-hand panel, whereas in other IPL systems the spectral distribution of each micropulse fluctuates noticeably. This will increase the possibility of creating side effects due to the highly variable amount of spectral fluctuation during short millisecond pulses. However, clinicians can expect a predictable treatment outcome with SOLARI as the system delivers a very stable spectral output per pulse over time.



SPECTRAL DISTRIBUTION

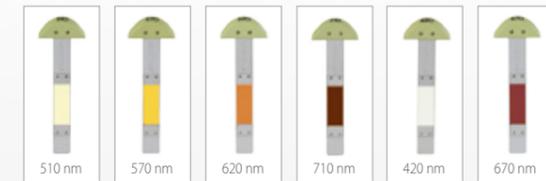
Whereas in most other conventional IPLs the spectral distribution is less efficient in the target tissue due to the lower amount of the chromophore-specific wavelength, SOLARI's spectral distribution is much more efficient in the target tissue, since SOLARI delivers more light energy at those precise wavelengths associated with the target chromophores.

The sharp cut-off in the example of the spectral distribution of the 570 nm SOLARI filter seen on the right indicates high selectivity for the target chromophores at the selected wavelength. The cut-off filter of the competitor's system on the other hand gives a much less sharp wavelength distribution, with less selectivity for the target chromophore. In this case, the user needs to increase the fluence to achieve the desired clinical effect in the wavelength-specific target. This approach will likely induce side-effects as it will also increase the energy of the other undesirable wavelengths beyond the ideal cut-off point.



MULTIPLE CUT-OFF FILTERS

SOLARI is equipped with easy to use cut-off filters that minimize and reduce treatment time associated with having to change handpieces. Six different cut-off filters are available to maximize treatment outcomes.



PROVIDE THE RESULTS YOUR PATIENTS WANT

Telangiectasia



Courtesy of GS Lee, M.D., Korea

Active Acne



Courtesy of GS Lee, M.D., Korea

Photoaging



Courtesy of GS Lee, M.D., Korea

APPLICATIONS:

- Vascular Lesions
- Melasma
- Large Pores
- Photorejuvenation
- Rosacea
- Telangiectasias
- Solar Lentigines
- Epidermal Pigmented Lesions
- Dermal Pigmented Lesions
- Hair Removal

Pigmentation Lesions



Courtesy of GS Lee, M.D., Korea

S-TONING FOR PAIN-FREE BUT SUPERLATIVE PERFORMANCE NEW

S-Toning with Sub-micro Pulses minimizes thermal damage to the untargeted skin based on the high quality square pulse. Therefore S-toning not only delivers pain-free treatment for the patient but also ensures that the clinician will get the treatment results he or she expects. Moreover the true square pulse and gentle treatment which are original SOLARI features will help avoid any unwanted side effects.

Lentigine



Courtesy of S. Haw, M.D., Korea

Lentigine



Courtesy of S. Haw, M.D., Korea

