




SOLARI™
Square Pulse Technology

The Healing Power of Light

LUTRONIC®

This changes



Square Pulse Technology

Delivering the Precision You Need

SOLARI™ is a new IPL system which assures precise treatment and minimized side-effects guarantee with its cutting-edge technology.

Unlike conventional IPLs on the market, SOLARI's Square Pulse produces only effective energy that there is no sudden energy emission which may cause side effects.

Predictable Treatment

You may expect the predictable treatment with SOLARI's Sharp Cut-Off Filtering technology, which is designed more efficaciously and selectively targeting tissue compared to other IPLs, and has no changes in the spectral distribution as time passes. The SOLARI's Sharp Cut-Off Filtering technology will greatly enhance predictable clinical outcome.

Ensuring Comfortable and Painless Procedure

SOLARI™ is equipped with a variety of features including Skin Cooling System, Cut-Off Filter and Rapid Repetition Rate to ensure the most comfortable and painless procedure possible.

everything.



Applications

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

* The pictures in this page can be subject to change without further notice

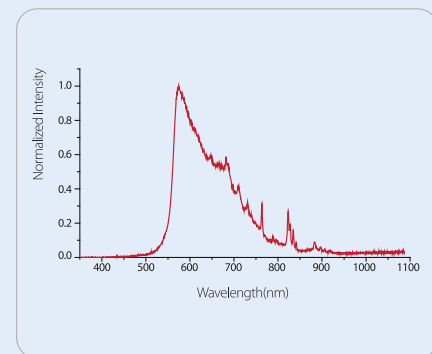
Delivering the Precision You Need

Precise Treatment & Predictable Outcome

Spectral Distribution

While most of the conventional IPLs' spectral distribution is less efficient to the target tissue, due to the less amount of reactive spectrum to chromophore, SOLARI's spectral distribution is much more efficient on the target tissue since it contains more amount of reactive spectrum to the chromophore.

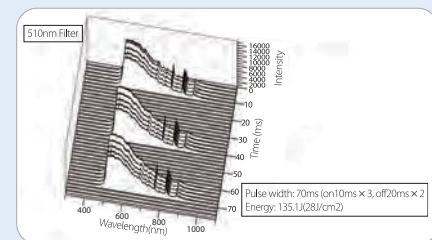
SOLARI's sharp slope of the spectral distribution graph shows that SOLARI's pulse is highly selective to the particular indication. On the other hand, other IPLs show more gentler slope. This means less selective to the target chromophore. When user tries to increase the fluence for greater amount of spectrum, this will likely induce side-effects as it will also increase the other wavelength.



Time Resolved Spectral Distribution

Fluctuating spectrum vs. Stable spectrum

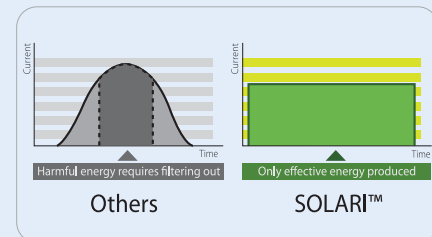
When using SOLARI™, users can expect the predictable treatment outcome as SOLARI™ has very stable spectrum. SOLARI's time resolved spectral distribution shows no changes as time goes while other IPLs' time resolved spectral distribution is very fluctuating. This will induce higher possibility of side effect due to the highly variable amount of spectrum during short firing time(ms).



High Quality Square Pulse

The amount of emitting light is proportional to the pattern of the currents.

Compared to the conventional IPL which shows rounded shape of the current pattern makes short wavelength, and thus it may create sudden energy emission to induce side-effects. On the other hand, SOLARI™ has very stable and flat shape of the current pattern which has very stable energy to avoid side-effects.



Uniform Energy Distribution

SOLARI's sapphire contact point has very uniform energy distribution that unlike conventional IPLs with irregular energy distribution, SOLARI's treatment can reduce the side-effects.

Comfortable and Painless Procedure

Variety of Features



Skin Cooling System

SOLARI's award-winning Skin Cooling System maintains the cooling temperature of the contact point to provide comfortable and safe operation possible. This Skin Cooling System can maximize the temperature of the peripheral tissue and the target tissue for safer operation.



Various Types of Cut-Off Filter

SOLARI™ is equipped with various Cut-Off Filters. This new Cut-Off Filters are designed to be used for various indications to meet the demand of the doctors.



Rapid Repetition Rate

Operation time is important for the doctors as faster operation can satisfy not only the patients but also the doctors to treat more patients. SOLARI™, has a very rapid repetition rate compared to other IPLs that it will save time for operation and faster treatment possible.



SOLARI™

Square Pulse Technology

System Specifications

| | |
|--------------------------------|---|
| Spot Size | 12 x 40 mm(4.8 cm ²) |
| Max. Fluence | 35 J/cm ² |
| Repetition Rate | Up to 1 Hz |
| Pulse Shape(in Time) | Square Pulse |
| Pulse Width | 2 ms ~ 300 ms |
| Cooling Method | Sapphire Contact Cooling |
| Wavelength(Dual Filter System) | 420 ~ 750 nm, 510 ~ 950 nm, 570 ~ 950 nm, 620 ~ 950 nm, 670 ~ 950 nm, 710 ~ 950 nm |
| Display | 8" Color Touch LCD |
| Dimensions(mm) | 570(D) x 367(W) x 1027(H) |
| Weight | 82.5 kg |
| Input Power | AC 220V/22A (4 KW) |



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