

Indication



Pigmented lesions

- Solar lentigines
- Freckles
- Melasma
- Hyperpigmentation (PIH)

Vascular lesions

- Telangiectasia
- Flushing / Rosacea

Hair removal

Rejuvenation

- Wrinkles
- Enlarged pores

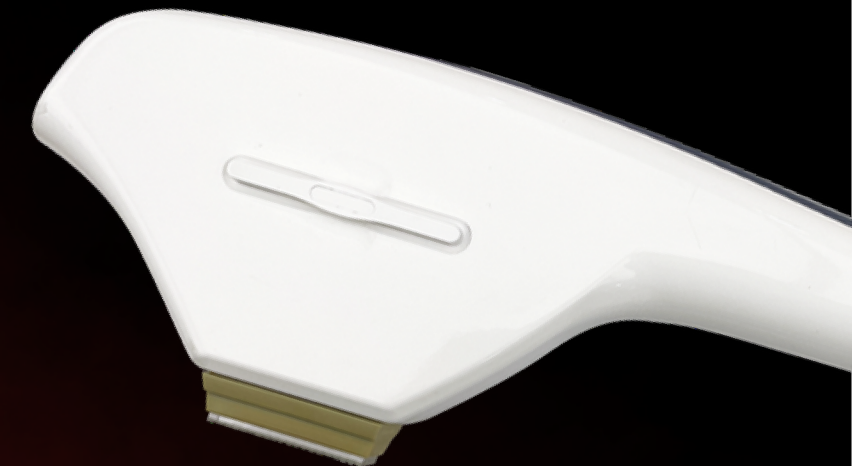
Acne

Technical Specification

Light Source	Intense Pulse Light (Xenon lamp)
Filter	415, 530, 560, 590, 640, 690, 755 nm
Fluence	1 – 32 J/cm ²
Spot Size	42.6 X 14.3 mm
Pulse Sequence	Single , Double , Triple, SHR, Dynamic Stamp Mode
Pulse Duration	0.2 – 15 ms
Pulse Delay	1.0 – 90 ms
Repetition Rate	1 - 10 Hz
Light Conduction	Quartz / Sapphire coupling
Cooling	Up to 50C (adjustable)
Electrical Requirements	230V/16A , 50/60Hz
Dimension (W*L*H)	360 mm (W) X 520 mm (L) X 1230 mm (H)
Weight	60 Kg

SHINY PLUS

Micro Pulsed Light



The state-of-the-art MPL (Micro Pulsed Light) device that caters to a wide range of dermatological indications. This innovative technology has been meticulously crafted to deliver exceptional clinical outcomes while significantly reducing the risk of side effects.

One of the key features that sets SHINY PLUS apart is its specially designed sapphire tip, which has a sophisticatedly designed surface with 140 individual cells. This unique design not only enhances clinical efficacy but also minimizes potential side effects, such as the occurrence of undesirable "tiger marks," commonly associated with IPL treatments.

Furthermore, the exceptional performance of SHINY PLUS is seamlessly integrated with its 7 push-in type filters to address different indications for both light and dark skins.



140 Multi-cell Technology

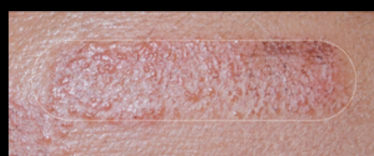
One of the side effects of IPL treatment that causes significant concern is the development of unwanted large hyperpigmented areas, commonly referred to as "tiger stripes" that last for a long time. This concern has led many physicians to hesitate when considering IPL treatment. However, the use of the multi-cell technology, which employs a sapphire filter with a micro-sized lattice structure, effectively contains the light energy within individual cells, leaving a square-outline safety zone between adjacent cells. This design ensures the preservation of intact healthy tissues in the square-outline safety zone, similar to the fractional concept in laser treatments. Consequently, SHINY PLUS can be safely utilized even on patients with tanned or dark skin.

Excessive IPL treatment can result in the development of a significant blister, potentially leading to Post-Inflammatory Hyperpigmentation (PIH) or scarring.

SHINY PLUS, on the other hand, can help reduce the likelihood of such side effects. An overdose treatment by SHINY PLUS may lead to formation of numerous tiny vesicles only similar to the appearance of fractionation instead of a single large blister.



After 48 hours following an excessive SHINY PLUS treatment, it is observed that instead of a singular blister, only numerous tiny vesicles have formed.



Small vesicles on the skin

Overdose parameters was 415 nm filter, 3.5 ms & 5 ms (delay 20ms), 12 J/cm². Note that normal doses is usually 7 to 8 J/cm² only.

Push-in Filters with 7 Wavebands



415 filter

530 filter

560 filter

590 filter



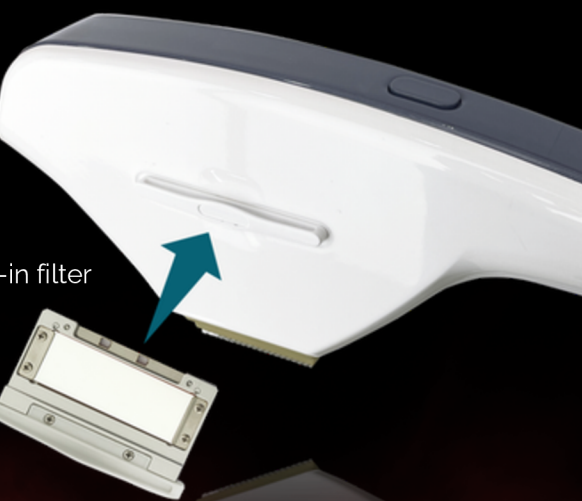
640 filter



690 filter



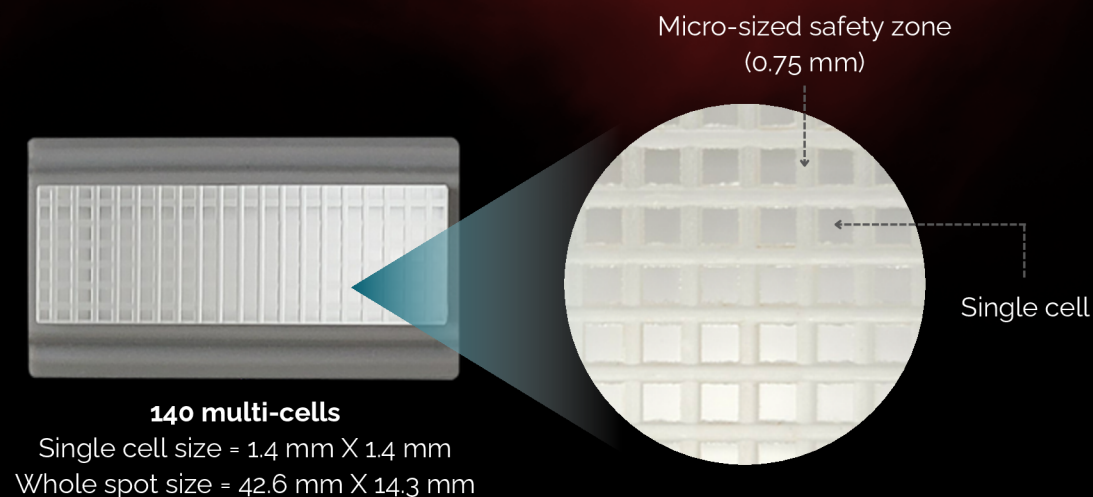
755 filter



Push-in filter

All filters in the SHINY PLUS are designed as push-in types. This means that instead of having to replace the entire handpiece, users can simply change filters by pushing the selected one into the filter slot.

This feature offers convenience to users and reduces treatment time.



140 multi-cells

Single cell size = 1.4 mm X 1.4 mm
Whole spot size = 42.6 mm X 14.3 mm

- **Micro pulsed light**
140 multi-cell technology similar to fractional concept
- **Safer treatment**
Less side effects such as tiger stripes
- **Faster treatment**
Larger spot size and high repetition rate upto 5 Hz
- **Push-in filters**
Convenient to shift wavelength band
- **Seven wavebands**
415, 530, 560, 590, 640, 690, and 755 filters to address various skin concerns
- **Others**
Smart UI / White toning / Alex-like waveband / SHR mode / Dynamic stamp mode / Convenient HP installation

