

Technical Specifications

Wavelength	415/530/560/590/640/690/755 nm
Light Source	Split(Intense)Pulsed Light(Xenon Lamp)
Fluence	1-32J/Cm2
Spot Size	14.3 x 42.6 mm
Pulse Sequence	Single / Double / TriplePulses / SHR / Dynamic Stamp mode
Pulse Duration	0.2-40 ms
Pulse Delay	1.0-90 ms
Repetition Rate	1-3Hz (Per second)
Light Conduction	Quartz / Sapphire Coupling
Cooling	Up to 5°C (adjustable)
Electrical Requirements	220v/20A, 50/60Hz
Dimensions	360(D)x520(L)x1230(H)mm
Weight	60kg



ESTHER PLUS

Intense Pulsed Light (IPL)

Shiny Plus is upgraded intedsed pulsed light using our independent technology for innovative Photorejuve-
nation & Hair removal treatment and more compact design. Shiny represents the latest version for skin care
equipment, which is built with the innovation technology of IDS Ltd. For safe and easy operation, the com-
pany has refined its technology and conducted clinical tests for many years.

USER INSTRUCTION

Shiny Plus is suitable for treatment procedures for pigmented lesions, vascular lesions and acne using
basic wavelengths of 415nm, 530nm and 650nm. It can be also used for treatment of dark skin
rejuvenation and hair removal by shifting to optional wavelengths of 640nm, 690nm and 755nm (ALEX Light).
Wavelength selection simply by detaching and attaching of filters.

√ Advantages & Strong points

1) White toning (415nm)

- Low depth of penetration (0.05~0.1mm)
- Safety (Fractional Concept IPL)
- Fractional type is our patent
- High absorption (Melanin & Hemoglobin)
- Excellent efficacy for faint pigmented lesions

2) Less side effects by thermal (Fractional safety zone)

3) Combine Rejuvenation (415nm+560nm)

→ Amazing result of skin tone (1st in the world)

4) Acne treatment

5) Fast hair removal (SHR) (650nm)

6) ALEX (755nm) for hair removal (1st in the world)

→ EX) fine hair and various color of hair

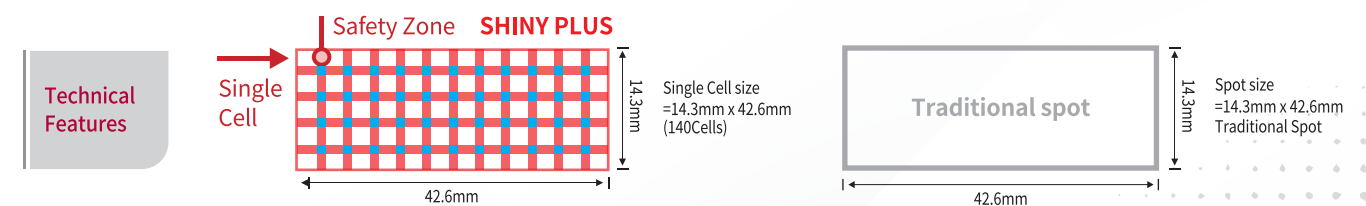
√ Fast treatment

The interval of time between shots is shorter than
that of the previous versions, leading to easy and
prompt treatment.

√ Verified parameters

Lesion from each wavelength can be entered directly.
The operation setting is optimized based on clinical
experiments to deliver maximal effects and safety.

Before and After



TECHNICAL FEATURES

Maximal safety is achieved by Lattice technology based on fractional concepts.
Lattice Optimal benefits are provided by cutting edge technology.

Removable Technology Based on IPL

Shiny Plus allows easy choice of a wavelength range desired using a removable filter in the
handpiece. Selection of Wavelengths is easy for replacing the filter or the hand piece.

Stable Energy Supply

A steady energy supply, which is achieved by technological expertise, allows safe operation of the
beauty equipment and maximizes treatment effects for each skin type.

Cooling System is Can be Controlled

Semiconductor-based cooling system of Shiny can be controlled via the monitor
regardless of shot and treatment speed and maintains a steady temperature once it is
set. This cooling system is aimed to minimize pain of the patient and side effects.

HANDPIECE

