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Fractional IPL

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

Others

Smart UI, White toning,
Alex-like waveband,
SHR mode,
Dynamic stamp mode,
Convenient HP installation

Clinical Indication

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

Vascular lesions
- Telangiectasia
- Flushing
- Rosacea

Rejuvenation
- Wrinkles
- Enlarged pores

Acne

Hair removal

Technical Specification

Wavelength	415, 530, 560, 590, 640. 690, 755 nm (IPL - Xenon lamp)
Filter	415, 530, 560, 590, 640. 690, 755 nm
Fluence	1 – 32 J/cm2
Spot Size	42.6 X 14.3 mm
Pulse Sequence	Single , Double , Triple, SHR, Dynamic Stamp Mode
Pulse Duration	0.2-40ms
Pulse Delay	1.0 – 90 ms
Repetition Rate	1, 3, 5, 10 Hz
Light Conduction	Quartz / Sapphire coupling
Cooling	Up to 5oC (adjustable)
Electrical Requirements	220V/16A , 50/60Hz
Dimension (W*L*H)	480 mm (W) X 650 mm (L) X 1140 mm (H)
Weight	60 Kg

For international use only

AMI

Aesthetic Medical Innovation

SOLRAY

Fractional IPL

CE

Product Overview

SOLRAY is an advanced fractional IPL device with cutting-edge technology that ensures outstanding clinical results while significantly reducing the risk of adverse reactions typically associated with traditional IPL treatments.

SOLRAY's fractional sapphire tip has 140 individual cells. This innovative design optimizes treatment efficacy and minimizes the appearance of unwanted "tiger marks," a common issue in many IPL procedures.

In addition to its superior tip design, SOLRAY offers exceptional versatility with its 7 push-in type filters. These filters allow the device to cater to a wide range of indications, making it suitable for patients with varying skin tones and types.

140 Multi-cell Technology

- Multi-cell technology - 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.
- Ensures the preservation of intact healthy tissues in the square-outline safety zone similar to the fractional concept.
- Safe to patients with tanned or dark skin.

140 multi-cells
Single cell size = 1.4 mm X 1.4 mm
Whole spot size = 42.6 mm X 14.3 mm

Smart UI

- Provides two types of selection modes – skin treatment and hair removal.

Push-in filters with seven wavebands

- Push-in type filters.
- Convenient to switch filters without the need to replace the entire handpiece.
- Simplifies the treatment process, improving the user experience while also reducing treatment time.

415 filter
Rejuvenation (for epidermis)
Acne

530 filter
Dynamic (stamp mode)

560 filter
Rejuvenation (dermis)

590 filter
Vascular

640 filter
Rejuvenation (for dark skin)
Thin hair (CHR mode)
Thin hair (SHR mode)

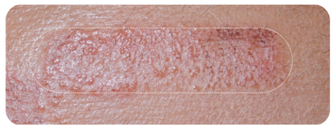
690 filter
Thick hair (CHR mode)
Thick hair (SHR mode)

755 filter
Brown and black hair (CHR mode)
Brown and black hair (SHR mode)

Push-in filter

Safer Treatment

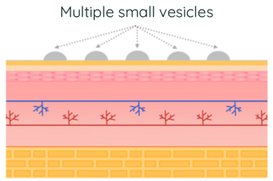
- Creates a square-outline safety zone between adjacent cells, similar to the fractional laser concept.
- Results in the formation of multiple small vesicles, mimicking the fractionation effect and minimizing the risk of PIH or scarring.
- Prevents hyperpigmentation issues like "tiger stripes."
- Ensures safe use, even for patients with tanned or dark skin.



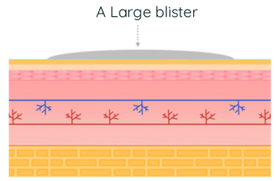
Small vesicles on the skin

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

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.



VS



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