

Indication



ASHLEY

Fractional RF Micro-needle

Technical specification

Power	40 W
Depth Level	0.5-4.0 mm
Repeat Time	0.5 s -3.0 ms, OFF
Repetition Rate	1 MHz /2 MHz
Output Level	Single shot: Level 1 to 50 Double shot: Level 1 to 100
Operation Mode	Auto / Manual
Needle Tips	ANI-36 (36-pin): Ablative needle, insulated ANT-36 (36-pin): Non-ablative needle, not insulated ANN-36 (36-pin): Ablative needle, not insulated Others (49-pin): Ablative needle, insulated
Operation Area	15 mm × 15 mm
Electrical Requirements	100-240 VAC, 50/60 Hz
Dimension (W*L*H)	380 mm (W) X 440 mm (L) X 1150 mm (H)
Weight	22 Kg

ASHLEY is a groundbreaking fractional radiofrequency micro-needle device, innovatively designed to overcome the drawbacks associated with traditional lasers that can potentially damage the skin surface as they invariably penetrate through it.

Differentiating itself, ASHLEY employs insulated micro-needles that penetrate the dermis directly, delivering optimal high-frequency energy without damaging the skin surface.

This process forms coagulated columns, fostering healing and generating ample collagen layers. The RF capability ensures a controlled energy delivery per shot ensuring consistent ideal clinical results.



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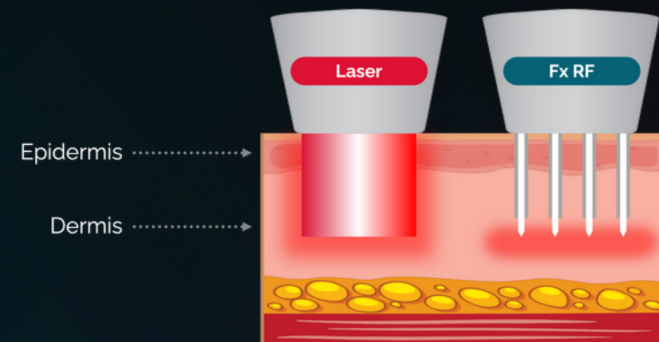
For international use only



No or minimized skin surface damage

The drawback associated with traditional lasers is that they can potentially damage the skin surface as they invariably penetrate through it.

On the other hand, ASHLEY often employs insulated micro-needles that penetrate the dermis directly, delivering optimal high-frequency energy without damaging the skin surface.



Only 1 to 2 days of minimal downtime

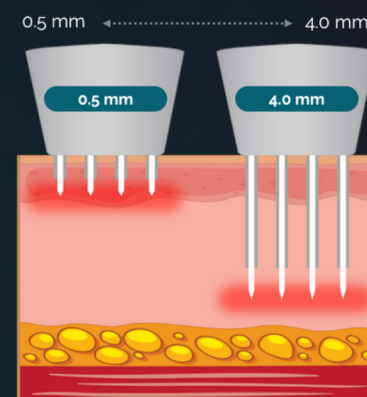
The skin surface damage when treated with ASHLEY is minimized as the insulated micro-needles penetrate the dermis directly. This results in a minimal downtime of only 1 to 2 days after the treatment, allowing patients to swiftly resume their normal activities.



1 to 2 days only

Controllable depth from 0.5 to 4.0 mm

The physician can adjust the penetration depth of the needle tip based on the targeted depth within the skin. Through manipulation of the device settings in the user interface, the needles depth can range from 0.5 to 4.0 mm beneath the skin surface.



RF microneedle

No or minimized skin surface damage

Minimal downtime

1 to 2 days only

Various tips

Tips for different clinical goals

Depth control

Controllable from 0.5 to 4.0 mm

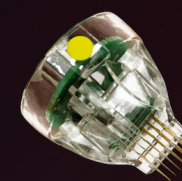
Operation modes

Auto or Manual operation mode

Smart protocol

Easy access to smart treatment protocol

Tips for different clinical goals



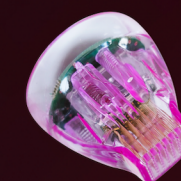
ANI-36 (36-pin)

Ablative needle, insulated



ANT-36 (36-pin)

Non-ablative needle, not insulated



ANN-36 (36-pin)

Ablative needle, not insulated

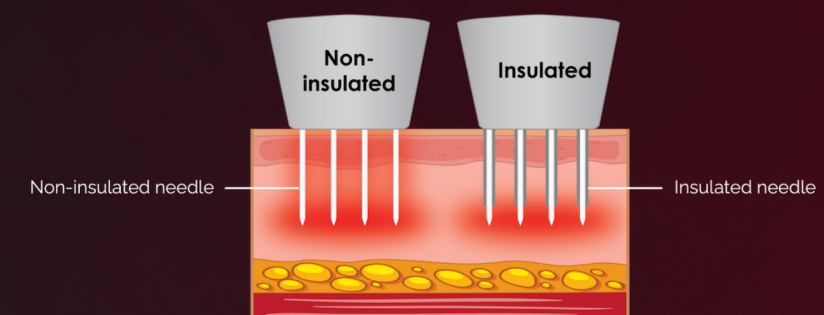


Others (49-pin)

Ablative needle, insulated

Technology and skin reaction

In a fractional RF microneedle system, the choice between insulated and non-insulated needles plays a crucial role in determining the impact on skin damage and tissue coagulation. Choosing between insulated and non-insulated needles depends on the treatment goals.



Non-insulated

Non-insulated needles may be chosen for treatments where a more widespread impact and coagulation are desired, even at the expense of some superficial damage.

Insulated

Insulated needles are often preferred when the focus is on minimizing surface damage and precisely controlling the depth of penetration for specific skin concerns.