

FS-01 High-speed fractional handpiece

- Ideal solution for Er:YAG fractional Aesthetic treatments
- Produces extremely sharp, precise, deep microchannels
- Exceptional high-speed technology for faster treatments
- Higher control of penetration depth
- Lightweight and ergonomic design
- Compatible with all Fotona Er:YAG aesthetic laser systems

Fotona's high-speed fractional FS-01 handpiece

FS-01: the latest Fotona fractional handpiece

The exceptionally fast FS-01 fractional Er:YAG handpiece increases the ease of use, safety, precision and effectiveness of fractional aesthetic treatments. The FS-01 complements Fotona's fractional PS family of handpieces and the F-runner scanner by offering a fast, minimally ablative, fractional Er:YAG treatment effect.

How does FS-01 work?

Fotona's new FS-01 fractional handpiece ablates precise micron-diameter channels over just a fraction of the entire resurfacing area.

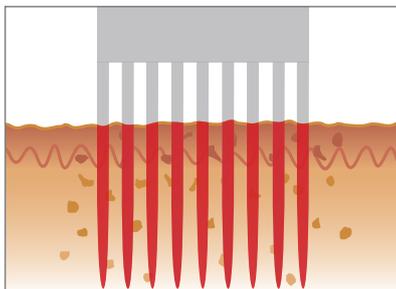


Fig.1: Diffractive Fotona optics allow for fast and uniform penetration into the skin.

Its 250 µm diameter microchannels have a 5% coverage on a 81 mm² stamp area. This initiates a wound healing response which stimulates fibroblasts to produce new collagen and elastin, resulting in the development of tighter, younger skin.

What are the benefits of using FS-01?

SPEED: The FS-01 produces 81 identical microchannel spots in a single laser shot. Combined with a frequency range of up to 50 Hz, it is Fotona's fastest ever fractional handpiece. This exceptional high-speed technology considerably shortens treatment times.

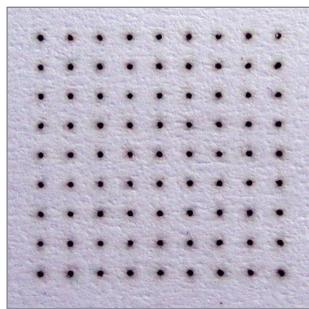


Fig.2: Standard paper test: FS-01 creates 81 exceptionally accurate and sharply defined microchannels with each shot.

EFFICACY: Clinical studies have shown that treatments performed with the FS-01 handpiece allow truly effective fractional treatments. The diffractive optics technology enables the laser shot to produce extremely sharp and precise microchannels with unmatched control of both the spot size and depth of penetration.

SAFETY: Because of its sharp, precise and deep spots, the FS-01 creates an optimal relationship between safe microablation and coagulation, without damage to surrounding tissue or the adverse effects of purely ablative procedures. Combined with Fotona TURBO mode, the FS-01 allows greater control of penetration depth.

EASE OF USE: The FS-01 handpiece is extremely light-weight and allows for smooth maneuvering with a maximum degree of control. Its ease of use is further enhanced when the speed and minimally invasive nature of fractional treatments are taken into consideration.

DURABILITY: The FS-01 is part of Fotona's Titanium handpiece range, offering maximum durability combined with the benefit of being light-weight.

Applications for FS-01:

- Fractional skin resurfacing
- Scar revision
- Drug delivery enhancement
- and more ...

Getting started with the FS-01 handpiece

The new FS-01 handpiece is compatible with all Fotona aesthetic Er:YAG laser systems. No additional investment in adapters or cables is necessary.



Fig.3: Fotona's FS01 handpiece - the latest breakthrough in fractional laser technology.