



R-HX

Dermatological Handpiece - Hexagonal Laser Beam Shape for Uniform Coverage

- Ideal solution for Q-switched and Accelera pulse Nd:YAG dermatological treatments
- Produces completely flat, hexagonal laser beam profiles
- Exceptionally precise tissue coverage
- No empty space between the spots and no undesirable overlapping
- Simple selection of 3 mm, 4.5 mm and 6 mm spotsizes
- Lightweight and ergonomic design
- Compatible with Fotona QX MAX aesthetic laser system

Fotona's exceptionally precise R-HX handpiece

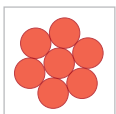
R-HX handpiece for uniform tissue coverage

Fotona's new R-HX handpiece produces a completely flat laser beam profile that is hexagonal in shape to allow for more precise and uniform coverage. This is possible because of the latest Fotona DOE Technology (Diffractive Optical Element), which produces hexagonal laser beams and ensures homogenous distribution of the laser energy on the tissue.

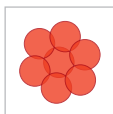
Greater efficacy, safety and clinical results

Uniform tissue coverage means that there is no empty space between the spots and no undesirable overlapping. This ensures even skin coverage and superior clinical results. Homogeneity of the laser beam profile additionally increases safety during treatment since laser energy is evenly distributed across the treated area.

Standard circular vs. R-HX' hexagonal laser beam profiles



Standard circular beam profiles with empty spaces between the spots, or Standard circular beam profiles with overlapping



R-HX' hexagonal beam profiles allow for uniform tissue coverage

Ergonomic design for easy spotsize selection

The R-HX handpiece was designed with the practitioner in mind.



The handpiece can produce 3 mm, 4.5 mm and 6 mm hexagonal spot sizes. Individual spot sizes are selected by simply attaching the optic assemblies marked MIN, MED or MAX (corresponding to 3, 4.5 or 6 mm spot sizes, respectively).



The hexagonal spots are formed at the end of the spacer, which is attached to the optical assembly, enhancing visibility and allowing for easier, faster, more precise treatments.



Applications for R-HX:

The new Fotona R-HX handpiece can be used for Q-switched and Accelera pulse Nd:YAG dermatological treatments such as:

- Pigmented lesions removal
- Tattoo removal
- Smaller vascular lesions removal
- FRAC3® skin rejuvenation
- Removal of unwanted hair
- and more ...



Courtesy of I. Batık

After 6 Tx



Courtesy of Dr. Kozurev

After

Getting started with R-HX handpiece

The new R-HX handpiece is compatible with Fotona QX MAX aesthetic laser system.