The first digitally controlled dental laser handpiece

X-Runner®

- instantly adjustable spot size and shape
- precise coverage of large areas
- lightweight, ergonomic design
- for Fotona LightWalker AT laser systems

The universe at your fingertips.
X-Runner™ advanced handpiece technology

Introducing the world’s first dental laser handpiece with instantly adjustable spot size and shape! Fotona’s X-Runner enhances the precision of many dental laser treatments by helping practitioners swiftly and accurately guide the laser beam across the treatment surface.

How does X-Runner work?

With X-Runner, the shape and size of a treatment area are selected in advance, as shown in the picture below. By pressing a button on the screen, a large treatment surface (or only its border) can be selected, as well as the number of laser passes. Other parameters of the laser beam (energy, frequency, mode) are set the same way as with Fotona’s other laser handpieces. It can also be used in single-spot mode.

What are the benefits of using X-Runner?

Higher Precision: Many dental treatments require deep and/or wide cuts of high precision. Using X-Runner, the selected area is evenly and precisely treated without the need for repetitive and tiring hand movements.

Speed: Automatic guidance of the laser beam allows for a higher repetition rate to be used.

Practicality: There is no need to switch between drills & saws of different sizes. The size and shape of the treatment zone is defined by a touch of a button on the display screen.

Ease of Use: X-Runner replaces multiple dental tools and makes treatments more precise, simple and easy!

Getting started with the X-Runner

The X-Runner digital handpiece is designed for the award-winning LightWalker® AT S dental laser. Contact your Fotona Distribution Partner for further details.

Applications for X-Runner:
- cavity/inlay preparation
- veneer preparation
- soft-tissue ablation
- bracket bonding
- apicoectomy
- implantology
- osteotomy

Some of X-Runner’s shapes and sizes, which can be selected from 2 mm to 6 mm in increments 0.5 mm.

Clinical situation after fast ablation of an extensive old composite with X-Runner.

X-Runner, digitally controlled laser handpiece with circular, rectangular (line or square) and hexagonal shape (or shape outline) patterns.

To learn more about the X-Runner handpiece contact us at info@fotona.com