Lasers4Dentistry, a division of Technology-4Medicine (www.T4Med.com), recently launched the X-Runner™ digital laser scanning handpiece. The X-Runner was designed specifically for the award-winning LightWalker AT Dual Wavelength dental laser. X-Runner is the first ablative all-tissue laser scanning handpiece in the dental industry. The X-Runner has automated all-tissue ablation capabilities and lets the user instantly adjust spot size and shape of the cutting area.

X-Runner is the perfect tool to use whenever precise, deep or wide cuts need to be made in hard or soft dental tissues. The shape and size of an ablation area can be selected in advance to optimize the cutting process, enabling dentists to work more precisely, faster, with enhanced patient comfort and with greater ease than ever before. The new X-Runner is ideal for a wide range of treatments, from standard cavity and veneer preps to high-precision surgical and implantology procedures.

All parameters and settings that are available with the Lightwalker AT’s standard laser handpieces (energy, frequency, mode, spray) can also be used with X-Runner. Dentists can instantly switch between the new automated modality and the classic handpiece modality without the need to swap handpieces. X-Runner offers a variety of treatment shapes (circular, rectangular/linear and hexagonal, etc.) that can be set according to a number of parameters, such as the size of the ablation area (width and length, or diameter in the case of the circle and hexagon) as well as the number of laser passes needed to produce the desired ablation depth. X-Runner can also produce a precise linear cut, for instance, to cut the root apex or to perform an incision in soft-tissue surgery. You can watch the X-Runner in action at www.t4med.com.

The award-winning Lightwalker AT is a high-performance, ultra fast and versatile laser with both Er:YAG and Nd:YAG wavelengths and a long list of technological and clinical advancements that puts it in a class of its own.

Lasers4Dentistry leads the U.S. market with ongoing significant breakthroughs in dental laser technology:

- Exclusive PIPS Laser Endo
- The only true dual-wavelength laser with both Nd:YAG & Erbium, fully integrated in the same system
- The only choice with 20 watts of Erbium power — the highest power laser available for ultra fast cutting of both hard and soft tissue
- The only laser with 15 watts of Nd:YAG energy for treating periodontal disease, soft-tissue surgery and effective biostimulation
- Industry-leading, 50 µs Super Short Pulse (SSP), resulting in faster cutting and more comfort and less need for local anesthetic
- The only laser with Quantum Square Pulse (QSP) technology for ultimate performance, cutting speed, comfort and precision
- Proprietary Variable Square Pulse (VSP) increases cutting precision and speed and provides patients with a more comfortable experience
- The only laser available with an all-tissue ablative scanner, X-Runner
- OPTOFlex® articulated arm delivery system, the gold standard for efficiency, ergonomics and reliability
- Optional high-visibility green aiming beam
- Internal air supply and built-in compressor, eliminating external air lines and improving performance and mobility
- Exclusive options for esthetic procedures, including treatments for wrinkles, pigmented and vascular lesions and other advanced cosmetic indications.