LASERSTRIP™

Improve performance, increase yield, reduce manufacturing costs

LaserStrip™ for the production of optical fiber components.

LaserStrip production tools from OpTek Systems are built around technology used in performance critical, volume production of optical fiber components since the mid 1990's. Engineered to address the production of existing as well as a new generation of components, LaserStrip is designed to maximize productivity in a user-friendly platform.

Laser stripping of optical fibers is a contact-free process used for the removal of acrylate buffers. LaserStrip systems can be configured for up to 16-fiber ribbon with window strip lengths up to 50 mm and end strip lengths up to 15 mm with precise dimensional control. The elimination of blades and any form of glass abrasions make this an ideal process for ultra-high reliability (UHR) applications.

KEY ADVANTAGES

- Rapid, non-contact processing
- Accurate and repeatable feature positioning
- Eco-friendly manufacturing (chemical free)
- Improve performance, increase yield, reduce manufacturing costs
- RELIABILITY The elimination of blades and, consequently, glass abrasions make this an ideal process for ultra-high reliability (UHR) applications
- Accurate and repeatable strip length with clean and well-defined shoulder
- High-throughput – less than 1 minute/ribbon including load and unload time
- Ability for customer to modify strip length, scan speed, laser pulse repetition rate and duty cycle through integrated control panel
- Class 1 enclosure with provisions for customer tooling used to hold fiber during processing

Fiber Compatibility: 12-Fiber 125µm Ribbon Acrylate Coated (16 Fiber Ribbon solutions available)

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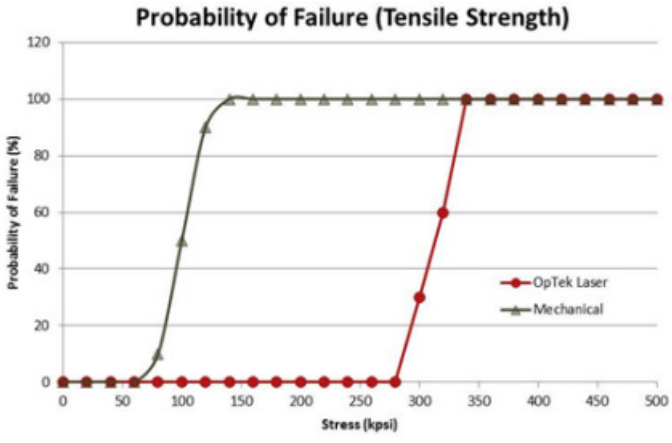
SPECIFICATIONS

	LASERSTRIP™
Vision	Integrated viewing camera
Window Strip Length Range	1-50mm
End Strip Length Range	1-15mm
Strip Length Tolerance	± 0.2mm
Shoulder Transitions	< 500µm



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