

LaserCleave™ from OpTek Systems

Tabletop Fiber processing tools for optical interconnect production.

LaserCleave™ production tools from OpTek Systems are built around the technology that has been relied on in performance critical, volume production of optical fiber components since the mid 1990's.

Engineered to address the production of existing and a new generation of optical interconnects, in a compact and user friendly platform LaserCleave™ is designed to maximise productivity in connector manufacture.

Laser Machining for precision production processing

The advantages of laser processing fibers include:

- Rapid, non-contact process
- Cuts fiber and epoxy close to pedestal
- Accurate and repeatable cut off length or cleave position
- Control over fiber end geometry
- No core-cracks, chipping, scratching or hackle
- Minimize or eliminate post polishing operations
- Reduced overall cost of terminations

LaserCleave™ Range

The LaserCleave™ range of machines from OpTek Systems provides to following platforms:

- LaserCleave™-SP Single fiber connector cleaving prior to finishing
- LaserCleave™-SSP Simplex cleave for single step polish
- LaserCleave™-MT Multi-fiber connector cleaving prior to finishing
- LaserCleave™-LT Ribbon cleave for LightTurn connector
- LaserCleave™-LTS Ribbon strip and cleave for LightTurn connector
- LaserCleave™-BF Cleaving free fiber ends
- LaserCleave™-STB Cleaving ferrule mounted fiber stubs

Added Value

The OpTek LaserCleave™ process delivers improved productivity:

- Improved yields through reproducible high quality processing
- Reduced cost through reduction in polish steps and materials
- Faster ROI through integration into new or existing production lines
- Flexibility through interchangeable fixture module to cover a wide range of component formats.

OpTek
SYSTEMS



OpTek Systems

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