

LaserCleave™-1500LT

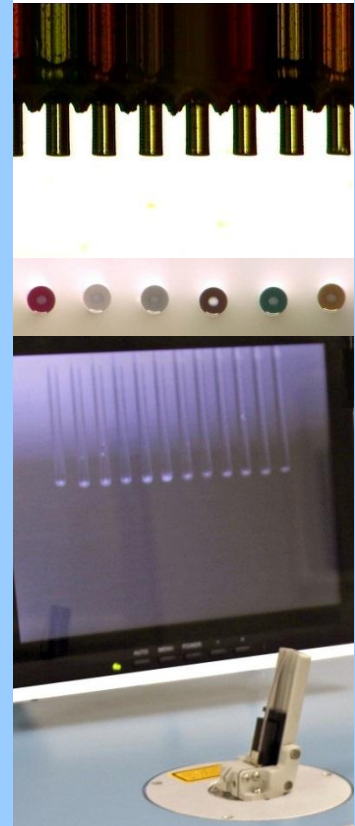
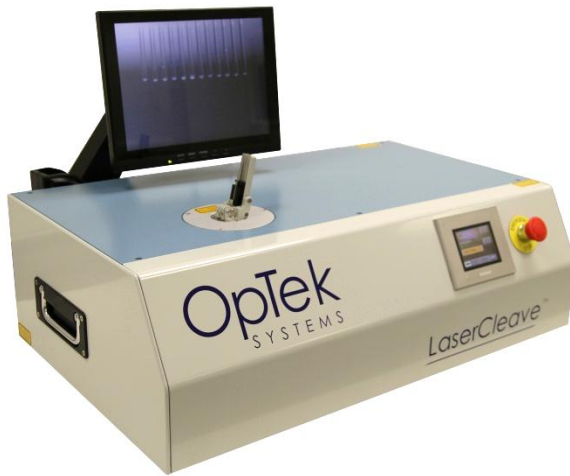
Improve performance, increase yield, reduce manufacturing costs

OpTek
SYSTEMS

LaserCleave™- 1500LT For the production of PRIZM® LightTurn® connectors

The LaserCleave™-1500LT is endorsed by US Conec for the preparation of optical fiber ribbons for use in the PRIZM® LightTurn® connector.

The LaserCleave-1500 is a flexible and easy to operate, production ready tool for the preparation of optical fiber and fiber ribbons prior to termination. The tool is easily configured for PRIZM® LightTurn® manufacture using the fixtures provided.



System Performance

- End face angle Typically $<2^\circ$
- End face ROC Typically $>200\mu\text{m}$
- Fiber flare/mushroom $<2\mu\text{m}$ increase in end diameter
- Co-Planarity $<20\mu\text{m}$ Maximum deviation
- Enhanced features Smooth finish, non-contact process
- Reliability No core cracks or cleaving back into ferrule
- Flexibility Optional adapters for other connector types
- Ergonomics User friendly design and operation

System Specification

- Electrical Supply: Single phase, 1.7kVA
- Cooling: Air cooled; Water cooling option
- Vision: Integrated viewing cameras
- Shards: Capacity collection $>1\text{M}$ fiber shards
- Size (WxDxH): 756 x 505 x 245mm
- Weight: 35kg

Solutions for precision manufacturing - To learn more contact:

OpTek Systems

Europe & ROW: 12-14 Blacklands Way, Abingdon Business Park, Oxford, OX14 1DY, UK. Tel +44 1235 539182, info@opteksystems.com

USA & Americas: 12 Pilgrim Road, Greenville, SC 29607, USA, Tel: +1 864 272 2640, info@opteksystems.com

Asia: 1008, Bldg A, Dingfeng Intl. Plaza, Dongguan, Guangdong 523000, China, Tel +86 769 2302 5011, info@opteksystems.com

www.opteksystems.com