

LaserCleave™-1500LT

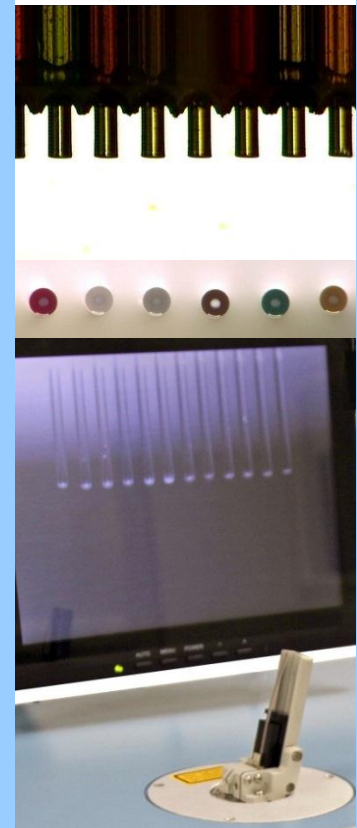
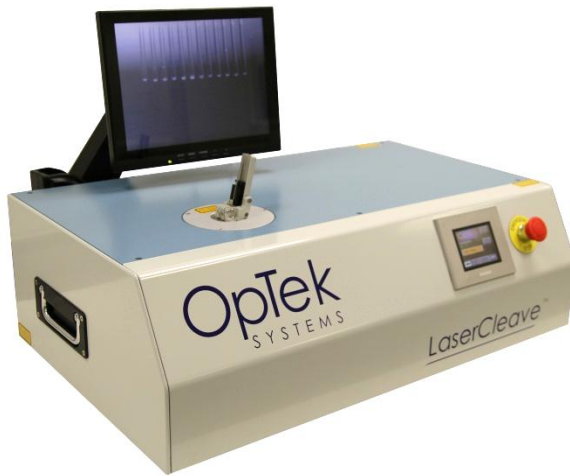
Improve performance, increase yield, reduce manufacturing costs



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 50 x 245mm
- Weight: 35kg

Solutions for precision manufacturing - To learn more contact:

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