**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°
- **End face ROC**: Typically >200µm
- **Fiber flare/mushroom**: <2µm increase in end diameter
- **Co-Planarity**: <20µm Maximum deviation
- **Enhanced features**: Smooth finish, non-contact process
- **Reliability**: No core cracks of 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>1M fiber shards
- **Size (WxDxH)**: 756 x 505 x 245mm
- **Weight**: 35kg

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