

## LaserCleave-Strip

### Clean, fast removal of polymer coatings from optical fiber

Laser stripping is the fast accurate way to remove acrylate and polyimide coatings from optical fiber. The laser process can be applied to fiber ends and can create windows of virtually any length and at any point along the fiber. The non-contact process eliminates the risk of sharp blades damaging the fiber and doesn't require the use of hazardous chemicals. The stripped fiber is clean, residue free.

### System Performance

- Process speed: Typically 10 mm/second
- Coating types: Primary acrylate and polyimide
- Strip format: End and window strip
- Strip length: Unlimited
- Accuracy: Precise length and position control
- Flexibility: Combination of end and window strip
- Flexibility: Combine stripping with cleave or lens
- Reliable: Non-contact, no blade to damage fiber
- Surface finish: Clean and residue free, char free shoulder
- Strip performance: Stripped fiber comparable to a chemically stripped fiber.
- Safe: Fully enclosed systems, no hazardous chemicals
- Enhanced features: Square or tapered strip interface.

### System Requirements

Fully integrated, turnkey system.

- Power: Single phase, 16A (may vary)
- Water: None
- Gas: None
- Vision: Integrated high-magnification vision system
- debris: process fume extracted to external vent
- Size: Depends on application
- Weight: Depends on application
- Communications: PC remote control via internet

### System Options

System options include:

- Window, end or combination stripping
- Acrylate or polyimide stripping
- Combined strip & cleave
- Combined lens & cleave
- Automated de-reel

System configuration to be specified at time of order

