

AUTOSTRIP II

Automated Mid-Span Window Stripping Unit

The AutoStripII is designed for fast, chemical free window stripping of optical fibers. Utilizing our patented Burst Technology™, it accomplishes the often difficult task of window stripping fibers with acrylate coating diameters up to 1,000µm. The AutoStripII meets the need for variable window strip lengths at high strength and ultra cleanliness.

The proven Burst Technology™ method instantly vaporizes the fiber coating. The result is a clean, stripped fiber, at substantially higher strength than any mechanical stripping method. The fiber is free of debris at 400X magnification. **The AutoStripII** is also equipped with a built-in, high force, fiber tensile tester, which can pull the fiber up to 235Kpsi (20N).

To insure high quality, repeatability and high production yield, all critical processes and parameters such as stripping distance, burst temperature, burst speed, and strength test are controlled automatically by a built-in microprocessor. **The AutoStripII** can be used as a stand-alone unit or integrated into different sub-systems.



Features

- Chemical-Free (No cleaning or stripping chemicals required)
- Easy low-maintenance bench top design
- Fast cycle time
- High first pass yield
- Accommodates acrylate coating fiber diameters up to 600µm. Custom nozzles up to 1,000µm.
- Software adjustable parameters
- Automated fiber clamps
- Variable strip lengths from 2mm with a 150mm window
- Built-in high force linear tensile tester
- Built-in graphical LCD control
- Storage up to 10 programs

Technical Specs

Fiber Cladding: 125-400um

Fiber Strength: Typical >35N on 125um fiber

Fiber Cleanliness: Free of debris at 400x magnification

Stripping Distance: 2-150mm

Tensile Strength Tester: 0-20N

Pulling Speed: 20-100mm/min

Hold Time: 0-5s

Power: 115 or 230V AC

Compressed Air: External compressor*, 95psi - 5scfm flow

Dimensions: 465mm (W) x 315mm (D) x 225mm (H)
(18.3" x 12.3" x 8.8")

Weight: 18kg (40lbs.)

PC Interface: RS232C