

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 1,000 μm . 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 235 kpsi (20 N).

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. The use of chemicals for high strength fiber stripping is now a thing of the past!



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 600 μm . Custom nozzles up to 1,000 μm .
- Software adjustable parameters
- Automated fiber clamps
- Variable window strip lengths from 2 mm up to 150 mm
- Built-in high force linear tensile tester
- Built-in graphical LCD control
- Storage up to 10 programs.

Technical Specs

Dimensions: 465 (W) x 315 (D) x 225 (H) mm

Weight: 18 kg

Power Source: 115 - 230 V AC

Compressed Air: External compressor, 95 psi - 5 SCFM flow

PC Interface: RS232C

Fiber Cladding: 125-400 μm

Fiber Strength: Typical >35 N on 125 μm fiber

Fiber Cleanliness: Free of debris at 400x magnification

Stripping Distance: 2-150 mm

Tensile Strength Tester: 0-20 N

Pulling Speed: 20-100 mm/min

Hold Time: 0-5 s

Standard Package and Accessories

Product	Part Number	Qty
AUT-01-0002	AUT-01-0002	
Standard Package		
Power Cord	FPU-02-0037	1
User's Manual	N/A	1
8 mm to 1/4 inch NPT Adaptor	SPT-10-0395	1
Air Line 6 feet at 8 mm	N/A	1

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