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3SAE AUTOSTRIP II (AS II)



The AutoStrip II (AS II) is designed for fast, chemical-free window stripping of optical fibers. Utilizing our patented Burst Technology™, it accomplishes the difficult task of window stripping optical fibers with acrylate coating diameters up to 600µm. The AS II meets the need for variable window strip lengths at high strength and ultra cleanliness.

The proven Burst Technology™ method instantly vaporizes the optical fiber coating. The result is a clean, stripped fiber, at a substantially higher strength than any mechanical optical fiber stripping method. The fiber is free of debris at 400x magnification. The AS II is also equipped with a built-in, high force, fiber tensile tester, which can pull a 125 µm cladding fiber up to 235 kpsi (20 N).

To ensure high quality, repeatability and high production yield, all critical processes, and parameters such as stripping distance, temperature, speed, and strength test are controlled automatically by a built-in microprocessor. The AS II operates as a stand-alone bench top unit . The use of chemicals for high strength optical fiber stripping is now a thing of the past!

Key Features: AutoStrip II (AS II)

- Chemical-free coating removal
- Easy low-maintenance bench top design
- Fast cycle time
- High first pass yield
- For acrylate coated fiber diameters up to 600µm
- Software adjustable parameters
- Automated fiber clamps
- Variable window strip lengths from 2mm up to 150mm
- Built-in high force linear tensile tester
- Built-in graphical LCD control
- Storage up to 10 programs

Technical Specifications

Feature	Specification
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 Length	2-150 mm
Tensile Strength Tester	0-20 N
Pulling Speed	20-100 mm/s
Hold Time	0-5 s

Standard Package

Part Number	Product	Includes
AUT-01-0002	3SAE AutoStrip II (AS II)	Heater with 1 x 4mm rectangular heater nozzle, power cord, airline and adapter, electronic user's manual, Manufacturer's 1-year parts and labor warranty

Consumables

Part Number	Product
CON-01-0008	AS II Replacement Heater (1mm x4mm rectangular nozzle) and Install Kit
CON-10-0024	Air Filter - AS II

615.778.8812 sales@3SAE.com
Specifications are subject to change without notice.

Made in the USA
www.3SAE.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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We buy equipment

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