

# AUTOSTRIPPER XL<sup>™</sup>

# AUTOSTRIPPER XL™

Automated midspan window stripping system for extended fiber lengths

- Chemical free stripping
- High strength
- Fully automatic
- Operator independent
- Fast cycle time
- Programmable strip lengths
- Multiple window stripping
- High force tensile strength tester



The AUTOSTRIPPER XL™ is designed for fast, chemical-free window stripping of optical fibers, using heated air to accomplish the demanding task of window stripping acrylate-coated fibers with diameters up to 550 µm. The AUTOSTRIPPER XL™ is an extended version of the AUTOSTRIPPER 2™ and features longer strip lengths up to 500 mm.

The AUTOSTRIPPER XL™ meets the need for variable and multiple window strip lengths with high strength and ultra-cleanliness.

A controlled hot air flow instantly vaporizes the fiber coating. The result is a stripped fiber, perfectly cleaned with a substantially higher strength than any mechanical stripping method. The fiber is free of debris at 400x magnification.

The AUTOSTRIPPER XL™ is equipped with a built-in, high tension pull tester, which can proof test the fiber up to 20 N. To ensure high quality, repeatability and high production yield, all critical processes and parameters such as stripping length, burst time and strength test are controlled by a built-in microprocessor.

The AUTOSTRIPPER XL™ can be used as a stand-alone unit or offered for integration into different subsystems.



## TECHNICAL DATA

Cladding diameter	125-300 µm
Coating diameter	250-550 µm
Fiber strength	Typical strength > 30 N on 125 µm fiber
Fiber cleanliness	Free of debris at 400x magnification
Strip length	2.5-500 mm
Tensile strength tester	0-20 N
Pulling speed	10-100 mm/min
Hold time	0-10 s
Power supply	115 or 230 V AC (50/60 Hz)
Compressed air supply	External compressor*, 6 bar, 8 mm instant push-in fitting
PC Interface	RS-232
Dimensions	825 mm (W) x 315 mm (D) x 200 mm (H)
Weight	25 kg
Z Travel resolution	0.4 µm (optional 0,025 µm)
Maximum Taper Ratio	1:10
Taper speed	Typically 2 mm/sec

Included in delivery: AUTOSTRIPPER XL™ unit, PC Software, RS-232 cable, Manual and Tools.

\*Not included in the delivery

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