

AUTOSTRIPPER™

AUTOSTRIPPER™

Automated midspan window stripping system

- 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™ is designed for fast, chemical free window stripping of optical fibers, using heated air to accomplish the often difficult task of window stripping fibers with acrylate coating diameters up to 550 µm.

The AUTOSTRIPPER™ meets the need for variable and multiple window strip lengths at 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™ is equipped with a built-in, high force tensile strength tester, which can pull 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™ can be used as a stand-alone unit or offered for integration into different subsystems.



TECHNICAL DATA

Coating diameter	250-550 µm
Fiber strength	Typical strength > 30 N (125 µm fiber)
Fiber cleanliness	Free of debris at 400x magnification
Strip length	2.5-160 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	470 mm (W) x 315 mm (D) x 200 mm (H)
Weight	15 kg

NYFORS part number: 7010008