



FiberStrip 7030 **Stripping Machine**

- High precision stripping of buffers and coatings from glass optical fibers
- Adjustable temperature heating and dwell time system
- Light and portable

STRIPPING

FiberStrip 7030

Concept

The FiberStrip 7030 machine is compact, yet packed with features. This machine strips single fiber in a semi-automatic fashion without touching the glass fiber. The FiberStrip 7030 is designed for stripping single coated and buffered fibers. It serves as an ideal companion to cleaving and splicing devices for standard and high strength applications.

Guaranteed Quality

Due to the special blade geometry and integrated centering aid, contact with the glass fiber during the stripping process is not possible. A poorly stripped fiber causes surface damage to the glass which will weaken it, leading to premature mechanical failure. Using a high precision, repeatable stripping process is the only way to guarantee the quality of the end product.

Variable System

A variety of optional quick-change clamping systems are available, allowing the machine to be modified to hold the type of fiber being processed. Adapters are available to accept the docking of fiber holders from many different fusion splicer manufacturers.

Compact Design

The compact design makes the FiberStrip 7030 well suited for use in the field or in a high production environment. Despite its diminutive size, all functions are automated to ensure repeatable, high quality stripping results.

Controlled Process

The fiber that will be stripped is heated up to a preset temperature for a preset dwell time. Once the dwell time is complete, the coating is stripped from the fiber at a constant, adjustable speed. These features, coupled with the precision mechanics, result in a cleanly stripped fiber.

Technical Specifications	
Application	Single fiber: 125/250 µm – 125/900 µm
Maximum stripping length	35 mm (1.37")
Stripping speed	Adjustable: 5 up to 15 mm/s (0.19 up to 0.59"/s)
Heating time	Adjustable in 16 steps: 1.5 up to 13 s
Heating temperature	Adjustable in 10 steps: From "Off" up to 140 °C (284 °F)
Machine cycle	5 up to 20 s (depending upon settings)
Power supply	Input: 100 – 240 VAC / 47 – 63 Hz / 0.4A Output: 12 VDC / 1.25A
Noise level	< 70 dB (A)
Dimensions (L x W x H)	160 x 54 x 45 mm (6.3" x 2.1" x 1.8")
Weight	1 kg (2 lbs.)
CE – compatibility	The FiberStrip 7030 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
Important note	Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.