

# AUTOPREP 2™

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High speed fiber preparation system  
for production environments

- Fast cycle time
- 100% clean fiber
- High strength
- Low cleave angles < 0.5 degrees
- Fully automated
- Operator independent
- Automatic fiber waste collection



The fully automated, high-speed fiber preparation unit AUTOPREP 2™ strips, cleans and cleaves a fiber in less than 15 seconds. It is designed primarily for industrial applications, where accuracy, reliability and a high production yield are required.

The AUTOPREP 2™ is used for fast and chemical-free fiber preparation of acrylate-based fiber coatings and meets the highest industrial requirements of fast and consistent fiber preparation with extreme cleanliness and high fiber strength. Optimal cleaves are generated by a highly advanced and patent pending cleaving process.

It has a user-friendly design. Guided fiber holders easily place the fibers in the correct position and a "One Touch" go button starts the automatic preparation process.

A controlled hot air flow instantly vaporizes the coating of the fiber. The result is a perfectly stripped and clean fiber. The stripped area is free of debris when viewed at 400x magnification and the strength is typically > 30 N (355 kpsi)\*. The cleaver produces typical cleave angles of less than 0.5 degrees.

To ensure high quality and repeatability, all processes of stripping, cleaning and cleaving are controlled by the built-in microprocessor. The AutoPrep 2™ is adapted for stand-alone use and is compatible with all leading fusion splicers, using optional adaptors.



## TECHNICAL DATA

Cladding diameter	80-125µm
Coating diameter	160-400µm
Fiber strength	Typical > 30 N on 125µm fiber (355 kpsi)*
Fiber cleanliness	Free of debris at 400x magnification
Cleaving angle	Typical < 0.5 degrees
Cycle time	Typical < 15 seconds***
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	320 mm (W) x 310 mm (D) x 200 mm (H)
Weight	12 kg

\*Typical, HS splicing is necessary \*\*Fiber-specific handling parts required. \*\*\*Depending on set-up. \*\*\*\* Not included in the delivery.