

Universal Fiber Coating Stripper

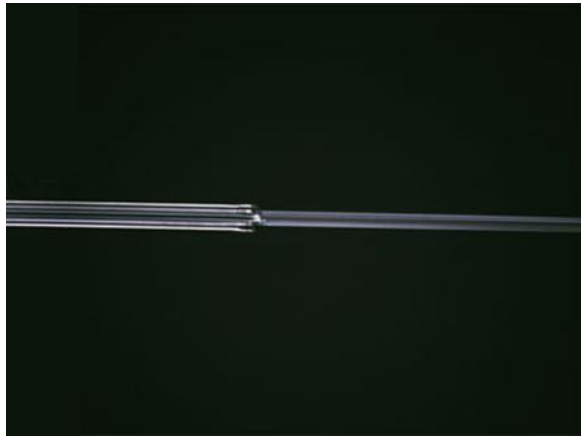
Based on our Gliding-Plasma Stripping Technology, Lighttel has developed the GPST-1000 stripper for quick and easy optical fiber coating stripping. The GPST-1000 allows operators to effortlessly strip almost all types of fiber coatings, including the most stubborn ones such as carbon or polyimide.

This unit supports both end-stripping and window-stripping with adjustable stripping lengths. The strip is clean with sharp edges and its non-contact process eliminates the risks associated with chemical stripping and blade-based mechanical systems.

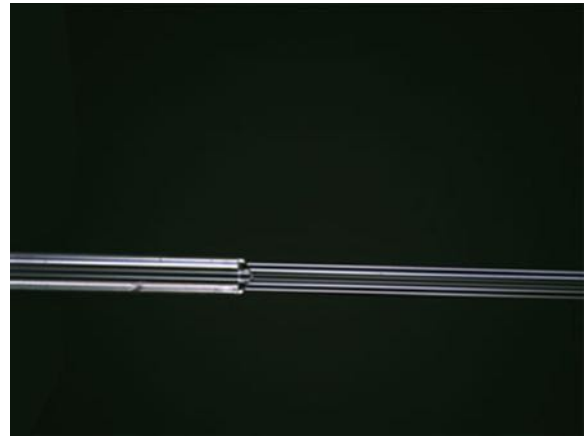


➔ Product Features

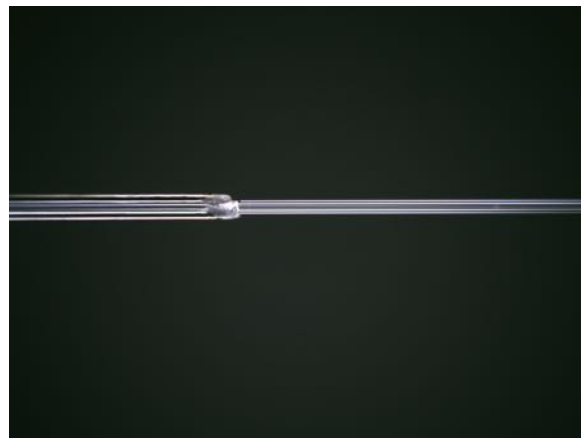
- Ideal for fiber preparation before fusion splicing, fiber connectorization, and the writing of Bragg gratings
- Strips almost all types of fiber coatings for all fiber sizes, including dual-layer coatings
- Supports either window-stripping or end-stripping
- Adjustable stripping length
- Sharp stripping edges
- Harm free: No chemical etching or possible mechanical damage to the fiber
- Simultaneous cleaning by the hot flow of gliding plasma
- Software adjustable parameters
- Fully automated with storage up to 12 programs
- Multiple fiber stripping options



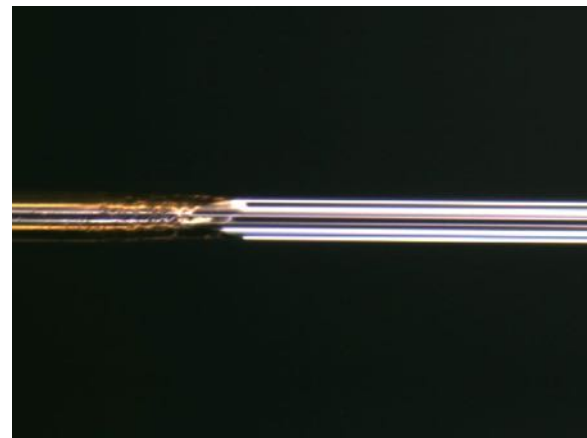
Acrylate Coated SMF-28 Fiber



Fluoroacrylate Coated 20/250 DCF



Hard Polymer Coated Fiber



Polyimide Coated Fiber

➔ Specifications

Applicable Coating	Polyimide / Hard Polymer / Silicone / Acrylate/ Metal / Dual-Layer Coated, etc.
Cladding Diameter Range	80 ~ 1200 μm
Window Strip Length	5 ~ 100 mm
End Strip Length	2 ~ 15 mm
Stripping Time	Acrylate: ~ 15s for 10mm Hard Polymer: ~ 15s for 10mm Polyimide: ~ 125s for 10mm
Fiber Strength	125 μm > 400kpsi / 80 μm > 250kpsi for 15mm (acrylate)
Operation Interface	4.3 inch Touch Panel (Option: USB)
Power Input	AC 100 ~ 264 V (50 or 60 Hz)
Power Consumption	350 W
Dimensions	Main: 471(W)x365(D)x225(H) / Air Module: 332(W)x245(D)x116(H) (in mm)
Weight	Main: 18.5Kg / Air Module: 5.6Kg