CFC-400-SMA Connectorized Fiber Cleaver

CFC-400-SMA is an automated cleaver designed to create a flat cleave an optical fiber that is mounted in an SMA-905 connector. It produces a high-quality, clean fiber end face with a polish-like finish in a fraction of a second. There is no polishing residue and therefore no post-processing necessary. This quick and efficient system is ideal for high-volume connectorized fiber cleaving applications in markets ranging from medical and fiber laser to telecommunications.

CFC-400-SMA uses our well-proven tension-and-scribe technology to produce consistent cleaves with mirror-quality end-face finishes. It features programmable cleave tension and scribe conditions specifically suited for cleaving connectorized fibers. Fiber diameter can range from 80 microns to 1 mm.

Key Markets

- Telecommunications
- Fiber Laser
- Sensing
- Medical
- Aerospace and Defense
- Research

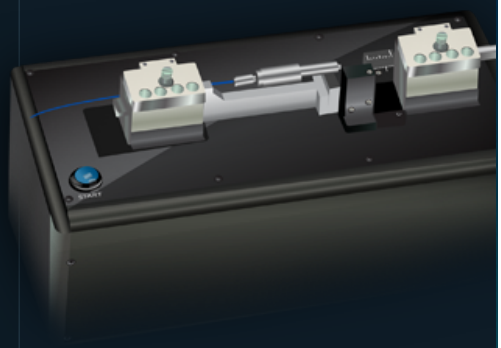
Related Products

{related_products}
- {product_name}

{/related_products}

Features & Benefits

- Tension-and-scribe method
  Low-angle -- critical for high-performance mirror-quality cleaving
- Programmable cleave parameters
  Accommodates a wide range of fiber sizes (80 µm to 1 mm in diameter)
- Precision controlled scribing process
  Repeatable, consistent and accurate cleaves
- Remote controlled tension, velocity, oscillation, scribe delay
  Handset controller gives user full control over the cleave process
- Fiber holding blocks for accurate fiber positioning and clamping
  Results in highest fiber quality and process repeatability
- Adjustable mechanical slide
  Enables precise control of cleave position



FEATURED VIDEO

GPX-3000 Series
Cleaving station and glass processing platform capabilities.