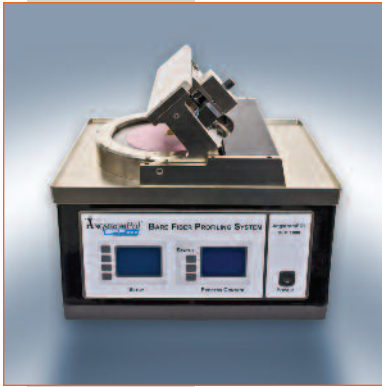


Bare Fiber Polishing Machines



ÅNGSTRÖMPol

BFP1000 Bare Fiber Polisher

Only available from Fiber Optic Center, the new ÅngströmPol series of bare fiber profilers employ proprietary technology to achieve new levels of performance. Sub-micron stability and digital control ensures accurate and repeatable profiling in less than a minute. A simple, yet highly flexible user interface makes the ÅngströmPol suitable for R&D and Production applications. The operator simply selects the desired profile geometry, enters values for the associated angles, and presses GO. In less than a minute, the newly polished fiber tip is moved to the inspection position. The ÅngströmPol can be configured with for a wide variety of options to meet the needs of any application.

Features

- Preprogrammed for conical, angled flats and chisels for “out-of-the-box” operation
- Ultra-stable, automated system produces > 99% yield at rate of up to one part per minute
- Dynamic menu system adapts to current machine state and prompts user accordingly
- Brushless motors means no brushes to replace; bearings are sealed
- Unique fiber guide prevents degeneration of fiber tensile strength associated with micro-cracks induced by ferrule guides in other polishing systems
- Automatically accommodates any fiber with diameter between 80 and 250 microns
- Usage of polishing papers is maximized by dithering fiber position in non-overlapping concentric pathways

Benefits

- No process to develop
- Very low production costs
- Minimal training required
- No user maintenance
- No field failures
- No additional tooling or expense
- Low consumables cost

Ordering Information

Part Number	Description
BFP1000	ÅngströmPol Bare Fiber Polisher for 80-250um fiber
BFP1000-250	ÅngströmPol Bare Fiber Polisher for 250-1000um fiber

Accessories

Nose Piece	Tube Guide	Fiber Size
BFPN-80	BFPTG-80	80-250um fiber
BFPN-250	BFTG-250	250-1000um fiber