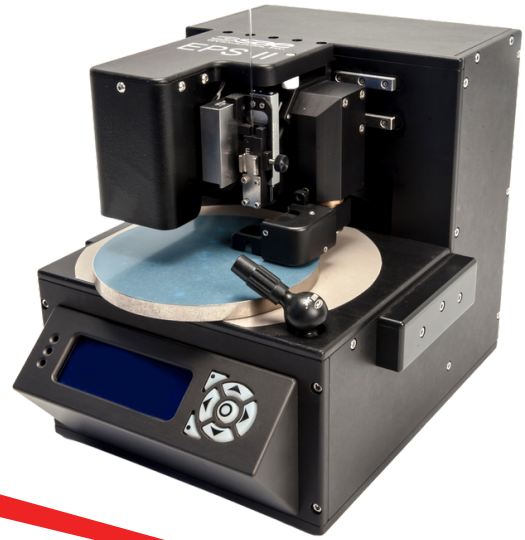


3SAE END-FACE PREP STATION II (EPS II)



The End-Face Prep Station II (EPS II) is designed for Large Diameter optical fibers/Endcaps/PCF-Photonic Crystal Fiber (glass/quartz/Fluoride glass).

The EPS II brings a solution to the issue of cleaving large diameter optical fibers by producing low angle offsets and smooth, flat end faces. Many optical fibers are non-round or have internal structures that interfere with conventional cleaving. With some fibers priced in hundreds of dollars per meter, the length of cutoff scrap must be minimized.

The EPS II meets these challenges with a novel, polishing-based design that features both flat and angle polishing. The EPS II produces a consistent and uniform endface surface regardless of the optical fibers' composition or shaping. The EPS is not an adapted connector polisher – it is a purpose-built LD fiber preparation unit optimized for splicing and other large diameter fiber termination and optical fiber processing applications.

Key Features: End-Face Prep Station II (EPS II)

- Angled polishing capabilities
- Lowest available cleave angles
- Less than 2mm scrap fiber waste
- No additional fiber handling system required
- Operator independent
- Easy handling
- No PC required
- High first pass yield

Technical Specifications

Feature	Specification
Dimensions	299.7 (W) x 292 (D) x 223.5 (H) mm
Weight	10 kg
Power Source	Input: 100-240 VAC, 50-60 Hz Output: 24 VDC, 2.5 A
Compressed Air	Max 95 psi., 0.6 SCMF
Fiber Cladding	400µm - >2000µm >2000µm will require custom fiber holder
Cleave Angle	Typical < 0.30°
Angle Cleaving	Up to 15° (from vertical).
Cycle Time	1-3 minutes typical

Standard Package

Part Number	Product	Includes
CLV-01-0011	3SAE End-Face Prep Station II (EPSII)	Includes qty (4) SS polishing discs, qty (12) diamond polishing papers, power supply, qty (2) EPS fiber holder lids, qty (1) ea - EPS single 350um / 550um / 750um / 1000um / 2000um platforms, 6mm airline, 6mm pipe adapter, electronic user's manual, Manufacturer's 1-year parts and labor warranty

Accessories and Consumables

Part Number	Product
ACC-01-0292	EPS II Polish Disc Steel (w/Teflon)
ACC-10-0026	Power Supply 24VDC/2.5A (EPS II)
ACC-01-0293	EPS II 350um Platform
ACC-01-0294	EPS II 550um Platform
ACC-01-0295	EPS II 750um Platform
ACC-01-0296	EPS II 1000um Platform
ACC-01-0297	EPS II 2000um Platform
ACC-01-0298	EPS II Fiber Holder Lid
CON-10-0027	Diamond Lapping Film, 30um, 5" with PSA (Qty: 10)
CON-10-0028	Diamond Lapping Film, 9um, 5" with PSA (Qty: 10)
CON-10-0029	Diamond Lapping Film, 3um, 5" with PSA (Qty: 10)
CON-10-0030	Diamond Lapping Film, 1um, 5" with PSA (Qty: 10)
CON-10-0015	EPS II Teflon Deck Film
CON-10-0016	EPS II Teflon Disc Film