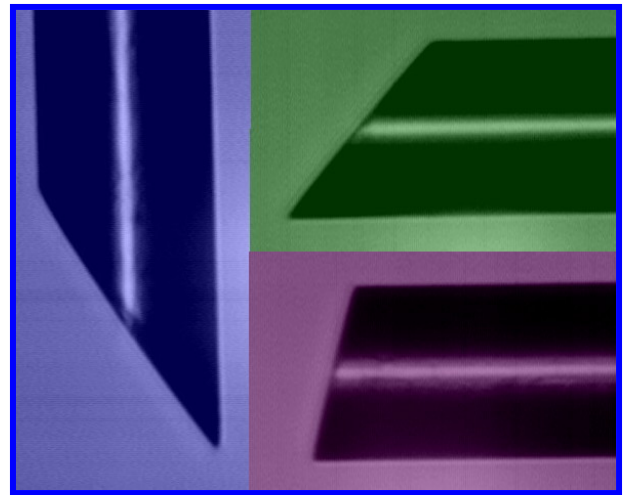




# Trig™ Fiber Shaping Workstation

- VARIABLE ANGLE POLISHING
- REAL-TIME VIDEO MONITORING
- IN-LINE SURFACE INSPECTION
- PM FIBER SUPPORT AND ALIGNMENT
- HIGH SPEED PROCESSING
- ADAPTERS FOR VARIOUS FIBER TYPES
- PRODUCTION AND R&D APPLICATIONS



## SPECIFICATIONS AND FEATURES



### Polishing Performance<sup>1</sup>

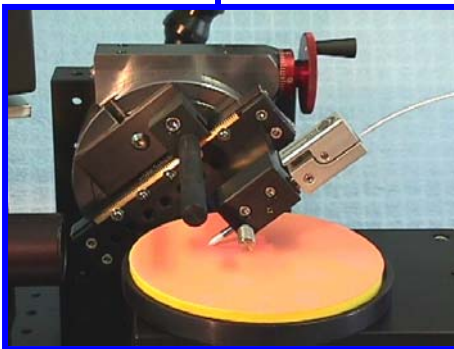
- Angle Range<sup>1</sup>**  
0 (flat) to 50 degrees
- Angle Tolerance**  
+/- 0.5 degrees, typical
- Polishing Motion**  
Random Orbital
- Polishing Speed**  
User adjustable
- Film Size**  
4 inch diameter

<sup>1</sup> Referenced off fiber diameter (i.e. 8° for APC style connector polish)

### Inspection Performance

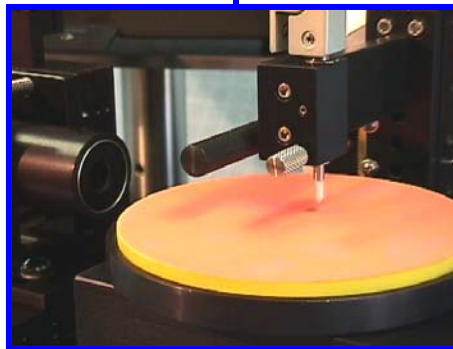
- Real-Time Inspection**  
80X magnification
- In-Line Surface Inspection**  
400X magnification  
Coaxial illumination
- Video Signal**  
EIA/NTSC compatible  
Switchable source
- Video Interface**  
BNC connectors

### FLEXIBILITY



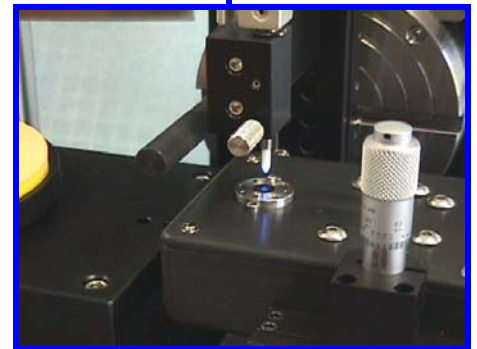
Angular polish orientation is easily adjusted with Trig™. The adapter fixture secures and advances the fiber to the polishing surface. Adapters can be quickly interchanged for various fiber types and diameters.

### CONTROL



The adapter end-effector supports the fiber during polishing. Trig™'s real-time inspection scope monitors the positioning and advancement of the fiber to the polishing surface.

### ASSURANCE



Trig™'s in-line inspection module rides on a linear slide for positioning its videoscope beneath the fiber. This permits the viewing of the polished surface while the fiber is still loaded in Trig™. The inspection module is also used for PM alignment.

\*Patent Pending

Specifications are subject to change without notice. Rev. 1, 04/06

krell technologies, inc.

tel: 732-617-7091 • fax: 732-617-7092 • www.krelltech.com