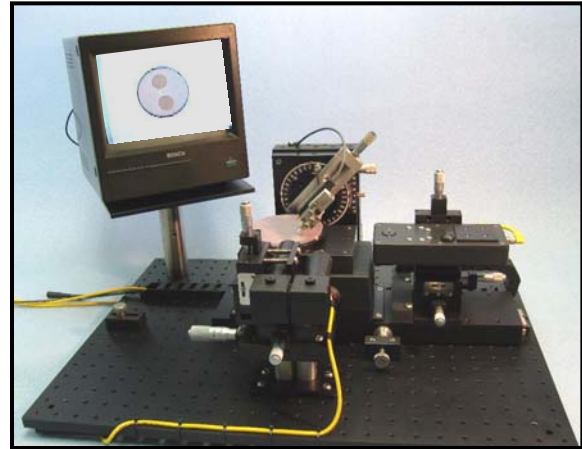


VARIABLE ANGLE POLISHING
 REAL-TIME VIDEO MONITORING
 IN-LINE SURFACE INSPECTION
 PM FIBER SUPPORT AND ALIGNMENT
 HIGH-SPEED PROCESSING
 ADAPTERS FOR VARIOUS FIBER TYPES
 PRODUCTION AND R&D APPLICATIONS



SPECIFICATIONS AND FEATURES

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

Polishing Performance

Angle Range¹

0 (flat) to 50 degrees

Angle Repeatability

± 0.5 degrees, typical

Polishing Motion

Random Orbital

Polishing Speed

User Adjustable

Film Size

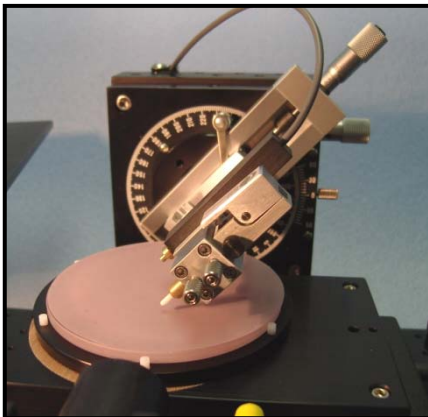
4 inch Diameter

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

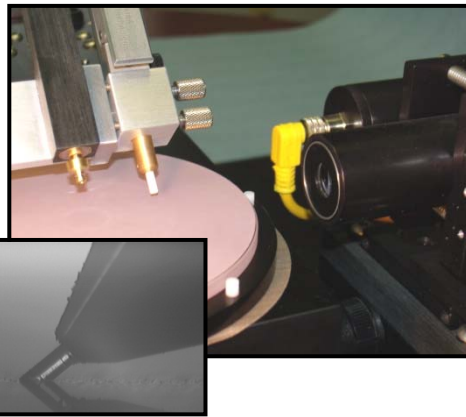
FLEXIBILITY

CONTROL

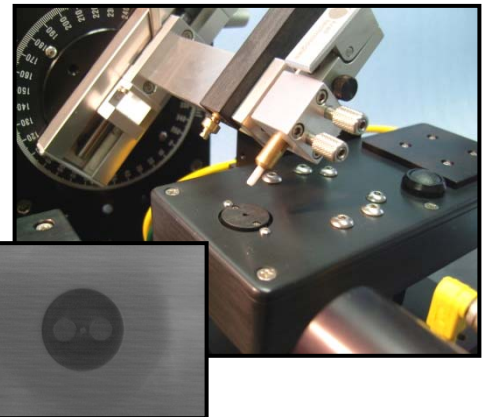
ASSURANCE



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.



The adapter and 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.



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.

Specifications subject to change without notice Rev. 1, 4/09

