

POLISHES ALL CONNECTORS AND MIL-SPEC TERMINI TO TELCORDIA COMPLIANCE

PROCESSES UP TO 4 CONNECTORS

BARE FIBER POLISHING

INDEPENDENTLY SUSPENDED AND OPTICALLY ALIGNED WORKHOLDERS

IN-LINE VIDEO INSPECTION

PORTABLE WITH AC/BATTERY OPERATION



SPECIFICATIONS AND FEATURES

Optical Performance¹

Back Reflection

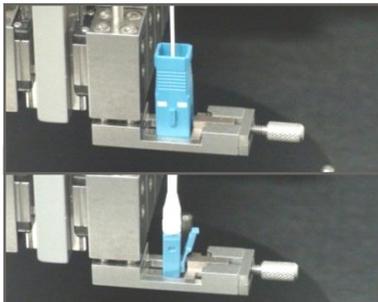
< -55 dB, UPC
< -65 dB, APC

Insertion Loss

< 0.25 dB, typical

¹ Optical performance may vary between connector manufacturers.

SpecPro™ is designed for the cost-effective, high-speed polishing of bare fibers and optical connectors. SpecPro™ is ideal for low volume manufacturing and field applications providing the identical performance found in larger production polishers.



Universal UPC workholders are available that support all connectors/termini with ferrule diameters between 1.25 to 3.2mm.

Polishing Performance²

Connectors

Apex Offset

< 50 microns

Radius of Curvature

10-25 mm, 2.5 mm ferrules
7-20 mm, 1.25 mm ferrules
5-12 mm, APC ferrules

Undercut/Protrusion

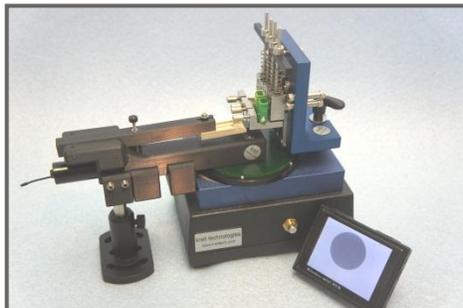
0 to -50 nm

Bare Fibers

Fiber Diameters

80 μm to > 1.5 mm using adapters

² Polishing performance can be optimized for specific applications.



Krell's SpecVision™ In-line Videoscope can engage with SpecPro™ to inspect connector and fiber surface finishes while the component is loaded in the polisher.

Operational

Connector Support³

Most industry standard connectors/ferrules/Mil-termini including UPC/APC versions, waveguides, fiber bundles, etc.

Polishing Films

4 inch diameter

Polishing Motion

Random orbital

Timer

User adjustable, digital cycle timing

Video Inspection

Workholders can interface with the SpecVision™ for in-line viewing fiber finishes

Power

AC adapter/9 volt battery
Auto Switch: 100-240 VAC, 50/60 Hz

Size and Weight

7"x 4.5" footprint
4.5 lbs

³ Custom workholders available.

Specifications subject to change without notice Rev. 1, 2/16