AUTOMATED AND MANUAL MODELS
POLISHES ALL CONNECTORS AND MIL-SPEC TERMINI TO TELCORDIA COMPLIANCE
DUAL CONNECTOR PROCESSING
BARE FIBER POLISHING
INTERGRATED AIR-POLISH ROUTINE
INDEPENDENTLY SUSPENDED AND OPTICALLY ALIGNED WORKHOLDERS
IN-LINE VIDEO INSPECTION
PORTABLE WITH AC/BATTERY OPERATION

Optical Performance

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

Insertion Loss
< 0.25 dB, typical

Optical performance may vary between connector manufacturers.

Rev²™ is designed for the cost-effective, high-speed polishing of bare fibers and optical connectors. Workholders are available that enable the automated air polishing of connectors. Automation yields superior endface quality over the traditional, off-line manual air polish. Rev2 is ideal for lab, R&D and field applications providing the identical performance found in larger production polishers.

Polishing Performance

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

Polishing performance can be optimized for specific applications.

Operational

Connector Support
Most industry standard connectors/ferrules/Mil-termini including UPC/APC versions

Workholder Types
Manual and automated microfeed

Polishing Films
2 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

Size and Weight
4.25" x 3" footprint
1.5 lbs

Custom workholders available.

Krell’s SpecVision™ In-line Videoscope can engage with Rev2™ to inspect connector and fiber surface finishes while the component is loaded in the polisher.

Specifications subject to change without notice
Rev. 1, 1/13