

**POLISH UP TO 28 CONNECTORS**  
**FASTLOK™ CONNECTOR LOADING**  
**INTERGRATED PRESSURE CONTROL**  
**OPTIONAL WATER FLOW SYSTEM**  
**SUPPORTS ALL INDUSTRY STANDARD**  
**UPC CONNECTORS**  
**TELCORDIA COMPLIANT**



## SPECIFICATIONS AND FEATURES

### Polishing Performance

**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<sup>1</sup>**  
0 to -50 nm

<sup>1</sup> Dependent upon radius of curvature.

### Optical Performance<sup>2</sup>

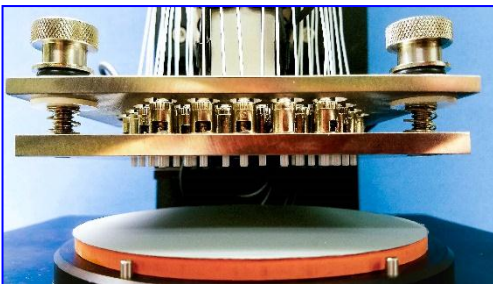
**Back Reflection**  
< -60 dB, UPC  
< -65 dB, APC  
**Insertion Loss**  
< 0.25 dB, typical

<sup>2</sup> Optical performance may vary between connector manufacturers.

### Operational

**Available Workholder Types**  
SC/UPC, FC/UPC, ST/UPC,  
LC/UPC, MU/UPC, SMA  
**Connector Capacity**  
28 UPC connectors  
**Process Time<sup>3</sup>**  
Approximately 6 sec/connector  
**Polishing Pressure**  
User adjustable

<sup>3</sup> Singlemode UPC/APC finish.



KrellTech's HiCap™ workholders engage with the Scepter Automated Polisher. Adjustable pressure control maintains consistent film contact across the entire connector matrix. An optional water flow system provides easy application of water during the polishing process.

HiCap™ workholders use KrellTech's FastLok™ loading mechanism. All connectors are simply inserted into each position. Sliding a locking plate over the grouping secures each connector.