

FiBO® 200 // BASIC CONNECTOR TESTING

Inspect fiber optic connectors on-site

FiBO® 200 Interferometer is an economical solution for complete and accurate fiber optic connector endface testing. High resolution 3D surface metrology and automated defect detection are combined in one robust, compact system for quick and easy inspection on the production floor or in the field.

Applications

- Duplex SC, LC
- Specialty OE interconnects
- Ribbon fibers
- Supplies qualifications
- Telecom field service

System Features

- Comprehensive testing of PC and APC connectors and ferrules
- Radius of curvature, fiber height and apex offset measurement
- Automatic pass/fail defect analysis
- Quick, manual focus adjustment
- High resolution imaging optics for accurate results
- Patented kinematic adapters for exact fiber positioning
- User-friendly FiBO Code™ V3.0 software
- Compliance with IEC/TIA measurement standards
- Quick and easy ISO/NIST traceable calibration
- Accepts Fiber Ribbon Stage for ribbon fiber analysis

Specifications

Size	Height 5.1" (130mm) Diameter 3.35" (85mm)
Weight	3.0 lbs (1.4 kg)
Optical source	458nm LED
Optical magnification	10x
On-screen magnification	480x
Height resolution	2nm
Lateral resolution	0.56 µm/px
FOV diagonal	450 µm
Connector adapters	FC/PC, FC/APC, LC/PC, LC/APC, LSH/PC, LSH/APC, MU/PC, SC/PC, SC/APC, ST, 1.25mm, 1.6mm, 2.0mm, 2.5mm, 3.2mm Ferrules (custom adapters also available)
Accessories	FRS, VATS, BFC
Measurement technique	Non-contact, phase-shifting Michelson interferometer
Computer interface	USB 3.0 (cable included)
Power supply	Power supplied through USB 3.0 port
Software	FiBO Code™ V3.0 (Windows 7, 8, 10®)
Radius of curvature (mm)	0.1 / 0.25% mm
Apex offset	0.5 / 1 µm
Fiber Height (nm)	1 / 1.5nm



The FiBO® 200 Package Includes:

- FiBO® 200 Interferometer
- FiBO Code™ software
- Calibration targets
- Rugged case
- USB 3.0 cable

Specifications are subject to change without notice.