FiBO® **250** // ADVANCED FIBER TESTING

Accurately evaluate fiber optic connectors and termini on-site

FiBO® 250 interferometer is a fully automated solution for fast and accurate fiber optic connector endface testing. 3D surface metrology and advanced defect detection capabilities are combined in one compact and portable system.

Applications

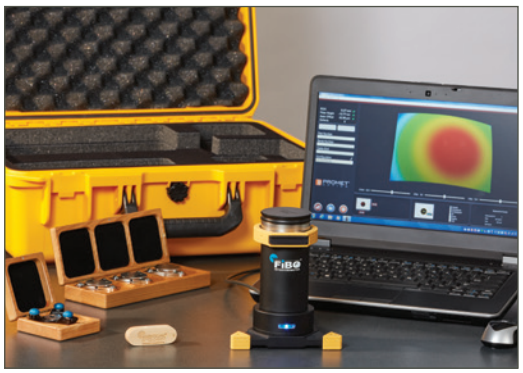
- Fiber production
- Supplier qualification
- Platform testing
- QA inspection and documentation
- Go/No-go evaluation
- Aerospace/military vehicle field service

System Features

- Automatic radius of curvature, fiber height and apex offset measurements
- Patented PhaseLock™ defect detection technology
- High resolution imaging for accurate results
- Auto-focus optics with dedicated scope mode
- Patented kinematic adapters for exact fiber positioning
- Change adapters without calibration
- Vibration-insensitive, compact design
- User-friendly FiBO Code™ software
- Compliance with IEC/TIA measurement standards
- Quick and easy ISO/NIST traceable calibration

Specifications

Size	Height 6.5" (165mm) Diameter 2.5" (64mm)
Weight	2.2 lbs (1.0 kg)
Optical source	458nm LED
Optical magnification	10x
On-screen magnification	480x
Height resolution	2nm
High resolution	0.22 µm/px
Standard resolution	0.45 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	BFC, FST
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™ (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® 250 Package Includes:

- FiBO® 250 Interferometer
- Laptop computer
- Calibration targets
- USB 3.0 cable
- FiBO Code™ software
- 1 connector adapter
- Rugged case

Specifications are subject to change without notice.