



Handle fiber in every situation, from Certifying new fiber installation to Troubleshooting active fiber networks :

Fiber Optic Testers for Every Technician

SmartPocket V2 Optical Light Sources

Key Features:

- Combines up to 4 wavelengths in one instrument (single mode + multimode)
- Dual wavelength single mode (1310/1550 nm)
- Quad wavelength single mode (1310/1550 nm) and multimode (850/1300 nm)
- Fiber Tracing – generating light source tone(s) for detection by SmartPocket V2 optical power meters
- 4-way powering - alkaline AA, NiMH AA rechargeable, AC power adapter and power over USB
- Switchable optical adapter versions available for maximum flexibility

Key Applications:

- Measuring optical power levels and link insertion loss for both Single mode and Multimode networks when used with Optical Power Meters
- Network Build and Maintenance for
- Enterprise/LAN
- Access and Metro (LAN/WAN)
- FTTx (e.g. Home/Antenna)

SmartClass Fiber OLP-88 TruePON Tester

Key Features:

- Simple and user-friendly color touchscreen
- Compact and lightweight instrument (<1kg)
- Data storage of up to 10.000 test results
- USB, Ethernet and WiFi interfaces
- 12 hours of battery life
- Patchcord microscope version and P5000i digital inspection probe compatibility

Key Applications:

- GPON ONT activation process verification
- OLT and ONT identification (serial number extraction)
- Automatic power level measurement and certification for Passive Optical Network(PON) signals
- In-service fiber plant qualification
- Rogue ONUs or alien devices identification
- Automated pass/fail fiber end-faces analysis -- learn more about fiber inspection best practices

FiberChek Probe Microscope

Key Features:

- Integrated touch screen with live fiber viewing
- Auto-Center
- Auto-Focus
- Built-in fiber endface analysis
- User-selectable acceptance profiles
- Stores results on device or export
- WiFi and USB connection capabilities

Key Applications:

- Inspecting fiber end faces – both patch cord and bulkhead
- Guaranteeing endface condition with certification reports
- Instantly capture, analyze, and grade fiber end face images and obtain a PASS/FAIL result according to pre-configured criteria setting
- Submarine Cable Networks build, turn-up and maintenance to ensure peak fiber link and service performance

SmartClass OLA-55 Optical Level Attenuators

Key Features:

- Robust, shock-proof, and splash-proof design for field operation
- USB port for remote operation
- Absolute and relative attenuation setting
- Level controller function for direct setting of attenuator output level (OLA-55M)
- 40 Gbps ready due to low Differential Group Delay
- Traceable measurements to NIST/PTB standards for confidence in accuracy
- 600 adjustable wavelengths for the OLA-54 and 400 adjustable wavelengths for the OLA-55/55M
- Long battery operation time of >1000 h (OLA-54/-55)

Key Applications:

- Emulate fiber loss for testing system dynamics
- Simulate line loss for BER testing and amplifier testing (OLA-55/-55M)
- System installation and maintenance of multimode fiber (OLA-54) and singlemode fiber (OLA-55/-55M).
- Power level control for calibration test setups (OLA-55M)

Visual Fault Locator

Key Features:

- Compact, ergonomic design for ultimate portability
- Visible wavelength is 650 nm
- Low and high powered versions (1 mW and 5 mW) for single-mode and multimode fibers
- Continuous or Flash illumination
- Universal connector interface for quick and easy connection
- 2.5 mm connector input and 1.25 mm adapter
- Includes soft-sided carrying case with belt loop

Key Applications:

- Locate sharp bends, breaks, and damages in fiber
- Conduct end-to-end continuity tests
- Perform fiber tracing and identification

FI-60 Live Fiber Identifier

Key Features:

- SafeCheck easy-pull trigger system ensures repeatable engagement with fiber cable
- LFI head accepts multiple cable diameters (250µm to 3mm jacketed fibers)

- Durable metal input adapters (2.5 and 1.25mm) for OPM
- Measure both absolute (dBm) and relative (dB) power
- Store and recall up to 100 OPM readings

Key Applications:

- Easily detect the optical signal without having to disconnect the fiber
- Installation, service, maintenance, or troubleshooting
- Integrate with FiberChek2 for combined inspection and test reporting