

FL150 FaultScout®

Fiber Optic Multimeter

Fast, Easy Testing of FTTx and Last Mile Access Links
Compact, rugged optical fiber multimeter for novice and service activation technicians to certify optical links within 30 seconds, with single fiber connection. Press Start and let our smart V-Scout link mapping technology with in-line OPM for single or dual PON 1490/1577 nm signals do all the work for you. Fiber inspection scopes are also available.



PLATFORM HIGHLIGHTS

- Robust, handheld design for demanding field conditions
- High resolution, 5" TFT color touch-screen
- Fast boot-up in 30 seconds
- Intuitive display, simple function keys and touch-screen for fast navigation and easy operation
- Internal data storage for >10,000 fiber link maps (single pulse width)
- Micro-B USB OTG interface for flash drives, fiber inspection probe connection, test data transfer, or LAN interface
- Rechargeable Lithium Polymer battery with capacity indicator, low voltage alarm and Auto-off function
- > 9 hours continuous operation between charges
- Built-in WiFi option for uploading test data via wireless Internet connection and performing software upgrades
- Built-in Bluetooth® option for pairing with mobile devices
- Remote access and control via smartphone or tablet, via web server, VNC and EZ Remote features
- Sync test results with Fiberizer® Cloud directly or upload to VeEX R-server using V-Connect or VxConnect apps on a mobile device

KEY FEATURES

- Detects and evaluates splitter closest to subscriber location
- LinkMap with smart event assessment and messaging
- Simplified operation regardless of fiber optic experience or skillset (no OTDR trace analysis knowledge required)
- Certification and troubleshooting of singlemode point-to-point fiber links up to 60 km or 37.2 miles
- Certify PON link up to 24 dB (single 1x64 splitter)
- In-line Power meter with dual PON 1490 nm and 1577 nm
- Measure fiber length, link loss, and return loss (ORL)
- Identify event types and location (splices, connectors)
- FTTx service activation: GPON, EPON, XGS-PON, 10GE EPON
- Filtered 1650 nm port for in-service testing
- Pass/Fail indication based on pre-programmed thresholds
- Front panel insertion loss check function
- Generate and save results in pdf formats
- Single, fixed SC/APC interface for FaultScout, OLS and OPM with best in class dead zones
- Optional Fiber inspection probe support for evaluating damage and contamination on fiber end faces