



2008 Global Test & Measurement
Emerging Company of the Year Award

VePAL MX100

Handheld Ethernet Test Set

Next Generation of Metro and Carrier Ethernet Testing

VeEX™ VePAL MX100 Metro Expert is the next generation of Metro and Carrier Ethernet field test equipment for Ethernet Networks carrying Voice, Data and Video.

Platform Highlights

- Intuitive presentation of measurements with test graphics
- High resolution color touch-screen viewable in any lighting conditions fitted with protective cover
- Robust, handheld chassis packed with powerful and flexible features for demanding environments and test conditions
- Optimized for field engineers or technicians installing and maintaining Ethernet networks enabling triple play services
- Ethernet connection for back office applications, workforce management and triple play service verification
- User defined test profiles and thresholds enable fast, efficient and consistent turn-up of services
- USB memory stick and FTP upload support for test result storage/file transfer
- Maintain instrument software, manage test configurations, process measurement results and generate customer test reports using the included ReVeal™ PC software
- Extend field testing time using interchangeable LiIon battery pack/s. Greater battery autonomy provided in standby mode
- Advanced IP connection tests; Ping, trace route, ARP Wiz, web browser, and FTP upload/download
- Optional NetWiz cable diagnosis with network statistics
- Optional VoIP call emulation and MOS performance analysis
- Optional WiFi Wiz site survey with internet connection test

Key Features

- All-in-one Ethernet, Gigabit Ethernet, and Fibre Channel testing
- Throughput, latency, frame loss, and back-to-back measurements per the industry-standard RFC 2544 tests
- User defined thresholds for accurate SLA assurance and verification
- Unframed BER testing to validate error free fiber connections
- Ethernet BER testing at layer 1, layer 2, and layer 3, with or without VLAN and MPLS tags
- Fibre Channel FC-1 and FC-2 BER testing with buffer-to-buffer credit and FC-2 header configuration
- Multiple stream generation and analysis for QoS verification of multiple services such as triple play
- Q-in-Q (VLAN stacking) capability, with up to three VLAN tags
- MPLS stacking capability, with up to three MPLS labels
- IP connectivity tests: Ping, Trace Route, Echo Response, ARP Wiz
- Web download verification
- FTP download/upload verification
- Smart Loop mode for layer 1, layer 2, and layer 3
- VLAN scan feature and traffic monitor for VLAN configuration verification and top bandwidth users visibility
- IEEE 802.3ah OAM device discovery and loopback control support
- Intelligent device discovery mode; discover other MX100s on the network for quick and easy loopback control configuration
- Remote control capability through the ReVeal PC software

Metro Expert