



2008 Global Test & Measurement
Emerging Company of the Year Award



VePAL MX120

Dual Port Handheld Ethernet Test Set

Next Generation of Metro and Carrier Ethernet Testing

VeEX™ VePAL MX120 Metro Expert is the next generation of Metro and Carrier Ethernet field test equipment for Ethernet Networks carrying Voice, Data and Video. The MX120 is part of the MX100 product family.

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

- Two 1000Base-X SFP ports and Two 10/100/1000T RJ45 ports for dual port testing
- All-in-one Ethernet, Gigabit Ethernet, and Fibre Channel testing
- Full Ethernet testing features on each operating port. Ideal for lab testing and field testing environments
- Throughput, latency, frame loss, and back-to-back measurements per the industry-standard RFC 2544 tests
- 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
- Intelligent device discovery mode; discover other MX100s on the network for quick and easy loopback control configuration
- IEEE 802.3ah OAM device discovery and loopback control support
- 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
- Remote control capability through the ReVeal PC software

Metro Expert