![VeEX logo]

VePAL MX100e+

Handheld Ethernet Test Set

Next Generation Mobile Backhaul and Carrier Ethernet Testing

VeEX™ VePAL MX100e+ Metro Expert is the next generation of field equipment for Carrier Ethernet, Mobile Backhaul, and Core Networks carrying data, voice 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 Carrier Ethernet, Mobile Backhaul, or Triple Play services
- User defined test profiles and thresholds enable fast, efficient and consistent turn-up of services
- USB memory stick support and FTP upload capability for test result storage and file transfer respectively
- Maintain instrument software, manage test configurations, process measurement results and generate customer test reports using included ReVeal™ PC software
- Extend field testing time using interchangeable LiIon battery pack/s. Greater battery autonomy with extended battery pack
- Test set connectivity via 10/100Base-T management interface, WiFi, Bluetooth, and Data Card for back office applications and workforce management
- Remote control capability through ReVeal PC software

Key Features

- All-in-one 10/100/1000Base-T, 100Base-FX, 1000Base-X tester
- Full Ethernet testing features on each operating port
- Throughput, latency, frame loss, and back-to-back measurements per industry-standard RFC2544 and V-SAM tests (per ITU-T Y.1564)
- Ethernet BER testing at Layer 1, Layer 2, Layer 3 and Layer 4, with or without VLAN and MPLS tags
- Unframed BER testing to validate error free connections
- Link Partner auto-negotiation advertisement analysis
- Q-in-Q (VLAN stacking) and multiple MPLS tag support
- MAC flooding and VLAN flooding
- IPv4 traffic generation
- Advanced IP testing: Network discovery, HTTP/FTP test, VoIP
- Multiple stream traffic generation and analysis for end-to-end QoS verification of multiple services
- IEEE 802.3ah, ITU-T Y.1731, and IEEE 802.1ag OAM support
- Intelligent device discovery mode; discover other VeEX Ethernet testers or loopback devices on the network for quick and easy loopback control configuration
- Smart Loop mode for Layer 1, Layer 2, Layer 3, and Layer 4

Metro Expert