



## VePAL MX300

**Portable 10GbE LAN/WAN, Gigabit Ethernet and Fast Ethernet Test Set**

### Next Generation Metro and Carrier Ethernet Testing

VeEX™ VePAL MX300 Metro Expert is the next generation of field equipment for Carrier Ethernet 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
- 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 connections 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
- Fast and efficient test result transfer to USB memory stick or FTP upload
- 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 Lilon battery pack/s

### Key Features

- 10GigE LAN and WAN testing
- Single 10 GbE LAN/WAN XFP port, Dual 1000Base-X SFP ports, Dual 10/100/1000T RJ45 ports, and Single 100Base-T to 100Base-FX (Media converter)
- 1G/2G/4G/10G Fibre Channel support for Storage Area Networks
- Q-in-Q (VLAN stacking) and multiple MPLS tag support
- Throughput, latency, frame loss, and back-to-back measurements per industry-standard RFC2544 tests
- Unframed BER testing to validate error-free fiber connections
- BER testing at Layer 1, Layer 2, Layer 3 and Layer 4, with or without VLAN and MPLS tags
- Multiple stream traffic generation and analysis for end-to-end QoS verification of multiple services
- Intelligent device discovery mode; discover other MX300s on the network for quick and easy loopback control configuration
- Smart Loop mode for Layer 1, Layer 2, Layer 3, and Layer 4
- Ideal for lab testing and field testing environments