



## VePAL TX130+ Handheld DS3/DS1 and Ethernet Test Set

### DS3/DS1 & Ethernet network testing simplified

VeEX™ VePAL TX130+ is a next generation test solution for DS3/DS1 and PDH networks transporting legacy and next generation services for Ethernet and IP testing.

### 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 transporting legacy network
- Ethernet port and 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 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 Lilon battery pack/s
- Supports advanced IP testing; Ping, trace route, ARP Wiz, VoIP, IPTV, web browser, and FTP upload/download via Ethernet or USB port where applicable
- Perform remote testing and monitoring using the remote control option via standard Ethernet interface

### Key Features

- Supports DS1, DS3 bit rates; PDH E1, E2, E3 Optional
- Balanced (100Ω) interfaces for DS1
- Dual DS1, DS3 and E1 Rx BERT
- Full Rate DS1 and Fractional N, Nx64 kbps or Nx56 kbps testing
- Non intrusive Pulse Mask Analysis at DS1 and DS3 bit rates
- Level and Frequency measurements
- Auto Configuration of network type, bit rate, line coding framing, and test pattern
- Bit Error and Performance Analysis per ITU/Bellcore standards
- Error and Alarm Generation and Analysis
- Histogram and Event analysis for errors and alarms
- Round Trip Delay on all interfaces
- Transmit Frequency Offset to stress clock recovery circuits
- DS1 and DS3 Loop capability
- 10/100/1000-T Ethernet Testing for BERT, Throughput, Loopback and RFC2544
- VF drop/insert via headset
- VF tone generation and measurement
- ISDN PRI (ANSI and ETSI) call set up and analysis
- Jitter measurement (DS1, E1, DS3, E3)
- Wander measurement (E1)