



VePAL TX130E+

Handheld PDH, Datacom & Ethernet Test Set

PDH and Ethernet network testing simplified
VeEX™ VePAL TX130E+ is a next generation test solution for PDH and Datacom 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. Greater battery autonomy provided in standby mode
- Supports advanced IP testing; Ping, trace route, ARP Wiz, VoIP, IPTV, WiFi, 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 E1, E3 bit rates; Optional DS1, DS3
- Balanced (120Ω) and Unbalanced (75Ω) interfaces for E1
- Dual DS1/E1 Transmitters & Receivers for bi-directional testing
- Full Rate DS1/E1 and Fractional N, Nx64 kbit/s or Nx56 kbit/s testing
- Dual E3, DS3 Receiver
- Non intrusive Pulse Mask Analysis at DS1, E1 and E3, 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
- Datacom interface for RS-449 (422 and 423), X.21, V.35 and V.36
- Synchronous/asynchronous DTE/DCE mode of operation
- 10/100/1000-T Ethernet Testing for BERT, Throughput, Loopback and RFC2544 in single stream
- VF drop/insert by headset
- VF frequency/level measurement and VF send tone
- ISDN PRI (ANSI and ETSI) call set up
- Jitter analysis on all rates, wander analysis on E1 and DS1 rate