



2008 Global Test & Measurement
Emerging Company of the Year Award



VePAL TX150E

Handheld SDH/PDH Test Set

SDH network testing simplified

VeEX™ VePAL TX150E is a next generation test solution for SDH/PDH networks transporting legacy and next generation services.

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 SDH networks transporting legacy and next generation Ethernet services
- 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 LiIon 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

- PDH testing at E1, E3 bit rates. DS1, DS3 and E4 (Optional)
- Balanced (120Ω) and Unbalanced (75Ω) interfaces for E1
- Dual E1 Receivers for bi-directional monitoring
- Full Rate E1 and Fractional N, M x64 kbit/s testing
- PDH Analysis with Sa bit Generation
- Non intrusive Pulse Mask Analysis at E1, E3 and DS3 bit rates
- SDH testing at STM-1, STM-4 and STM-16 bit rates
- Flexible wavelength/bit rate options using industry standard SFPs conforming to the Multi Source Agreement (MSA)
- Optical Power, Level and Frequency measurements
- Auto Configuration of network type, bit rate, line coding, framing, mapping, and test pattern
- Payload Mapping according to ITU-T G.707 recommendations
- Concatenated Payloads
- Bit Error and Performance Analysis per ITU standards
- Error and Alarm Generation and Analysis
- Path Trace Generation and Analysis
- Pointer Generation and Analysis
- Automatic Protection Switching/Service Disruption testing
- Histogram and Event analysis for errors and alarms
- Round Trip Delay on all interfaces and payload mappings
- Transmit Frequency Offset to stress clock recovery circuits
- Section and Path Overhead Monitoring and Byte decoding
- Tandem Connection Monitoring

Transport Expert