



VeEX



2008 Global Test & Measurement
Emerging Company of the Year Award

TX50e

Handheld 2Mbps Test Set

The TX50e is a feature rich hand-held solution for testing and evaluating 2 Mbps and 64 kbps digital circuits. A unique combination of signal quality measurements including ITU-T compliant BER performance analysis makes the unit a perfect choice for technicians installing, maintaining or troubleshooting 2 Mbps networks.

Platform Highlights

- High resolution, 3.5" color LCD with intuitive menu structure
- Tri-color LED's for real-time monitoring of circuit status
- Compact and robust design optimized for field applications
- Durable membrane keypad for reliable operation in all weather conditions
- Dual receiver enabling bi-directional protocol analysis via PC
- High capacity rechargeable battery allowing 6 hours continuous operation
- USB to PC interface for remote control, report generation and Printing
- Voice channel monitoring and access via external headset and microphone

Key Features

- In-Service and Out of Service measurements
- 2 Mbps and N x 64Kbps support
- Auto configuration
- Frequency and Level measurements
- Line rate offset
- Round Trip Delay
- Error and alarm insertion/measurements
- PRBS, fixed and user defined test patterns
- Analysis per G.821, G.826 and M.2100
- Timeslot contents and activity monitor
- Pulse shape analysis per G.703 mask and limits
- Oscilloscope function to view 2 Mbps signal
- Jitter measurement and generation to ITU 0.171
- Maximum Jitter Tolerance (MTJ)
- Jitter Transfer Function (JTF) analysis
- Voice frequency generation and analysis