

# Acterna HST-3000

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### Next Gen Handheld Services Tester

**Test the copper, test the service, improve the process**

- Thoroughly qualifies the copper with VF & WB TIMS, DVOM, TDR, RFL, OPENS, leakage, balance, load coil detection, and more...
- Thoroughly evaluate a breadth of circuit technologies including ADSL, T1, DS3, ISDN, HDSL/2/4, G.SHDSL, POTS, and others...
- First of its kind field oriented VoIP turn up and isolation tool
- Improve the process with automated testing features, streamline test performance, and ensure consistent implementation
- Rugged weather resistant design ideally suited for field use
- Flexible, modular design allows you to buy what you need now and easily upgrade in the field



The next generation in the Field testing from the  
Home of the T-BERD and TPI

# Acterna HST-3000

In one lightweight, robust, battery operated tester, the Acterna HST-3000 offers more testing power than any other handheld tester on the market. Its scalable, modular design cost-effectively addresses today's needs. Upgrade later in the field to meet emerging requirements through plug-in hardware modules and software options.

Acterna's HST-3000 all-in-one tester delivers comprehensive copper testing including DVOM, TDR, Wideband TIMS, spectral analysis, and Resistive Fault Location. Technologies and services such as datacomms (V series interfaces, Frame relay) and E1/T1 are supported, comprehensive and easy to use interfaces mean difficult problems on premium services are identified and rectified quickly. It also supports ADSL over POTS, ADSL over ISDN, and G.SHDSL support with xTU-C/R modem emulation. 10/100BT Ethernet interface allows the HST-3000 to segment problems to the PC, CPE, and network. With its optional on-board IP and VoIP testing capabilities, the HST-3000 can validate VoIP service connectivity, feature availability and voice quality. In addition, it provides comprehensive features, including signaling, IP ping, packet statistic and trace route analysis to identify, diagnose and sectionalize VoIP network and equipment problems. The HST-3000 is clearly a solution ready to grow with you to meet the testing challenges of tomorrow.

### Test the copper

- DVOM/TDR/Balance/Load Coil
- AC/DC volts, power influence, noise, balance
- VF & WB loss and noise measurements, impulse noise, spectral noise

### Test the service

- DDS, T1, DS3, BRI
- HDSL, HDSL2, HDSL4 (via VT100)
- PRI, ADSL, G.SHDSL, PCM TIMS and Signaling

### Added benefits

- VT100, Web Browser, On-Board File Manager
- Automated Testing (Scripted Tests)
- Standard Serial (RS-232), USB, and Ethernet Interfaces for Flexible Connectivity
- Save, Annotate, and Export Test Results

The HST-3000 boasts advanced scripting features to improve compliance with operator Methods and Procedures, through interactive, one-button auto-tests. These tests are fully customizable on a per-customer basis, to include pass-fail thresholds.

Use the HST-3000 everywhere you need to quickly isolate your troubles: the network "IN," the loop "OUT" or the CPE. The handheld, rugged and easy-to-use HST-3000 is ideal for field use. It is compact, rugged and can be used in almost all conditions, from inside the CO/Exchange to outside in moderate rain.



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