

Test Head Functionality

Function	U-Test		
	100	200	300
Web browser or thin client result display applications	X	✓	✓
AC voltage measurements with Hazardous line condition detection	✓	✓	✓
Resistance measurements including reversed loop leakage test	✓	✓	✓
Capacitance measurements including capacitance Imbalance fault identification	✓	✓	✓
High resistance series disconnection fault identification and Load Coil detection	✓	✓	✓
CPE Identification / Telephones / Off Hook Telephone / Modems / NTE no Telephone	✓	✓	✓
Time Domain Reflectometry (TDR) with interpretation diagnostics of Line characteristics	✓	✓	✓
DC voltage measurements	✓	✓	✓
Fully automatic test mode for POTS / Broadband Service assurance	✓	✓	✓
Manual 'on-demand' test mode for immediate line condition check	✓	✓	✓
Camp-on test mode for detailed fault diagnosis	✓	✓	✓
Multiple test scripts to check line against a number of SLA conditions	X	✓	✓
Configurable test parameters for fault thresholds and work group location	X	✓	✓
Web browser or thin client result display applications	X	✓	✓
OSS Integration using an open interface API or web browser	X	✓	✓
Insertion Loss - POTS / ISDN / ADSL / VDSL frequencies	X	✓	✓
Frequency Sweep Longitudinal balance test across the ADSL / VDSL frequency ranges	X	✓	✓
Noise measurement inc. Metallic Noise analysed against Psophometric Weighted Profiles	X	✓	✓
Line pre Qualification - POTS / ISDN / ADSL / VDSL services	X	✓	✓
Wideband test facilities from the optional Vonaq Broadband / IPTV Service test Module	X	✓	✓
Single man line up test to a suitable hand held tester - field controlled	X	✓	✓
Frequency Sweep test tone generator	X	✓	✓
Pair location / Circuit ID tone / Howler generator	X	✓	✓
Line-in, line-out, bridged and high impedance monitor test options	X	✓	✓
Non Intrusive Test Access when used with a suitable Test Access Matrix	✓	✓	✓
dc Busy Line Test on POTS lines and POTS Continuity - Sub Loop Unbundling	X	✓	✓
Remote Management of test head and firmware download	X	✓	✓