

VONA Q

xDSL Installation and Maintenance Tools

QuickTest 100 ADSL, ADSL2 and ADSL2+ Handheld Tester

The ADSL2+ Tester that fits your budget and gets the job done fast.

KEY FEATURES

- Rapid Testing. The QuickTest 100 automatic Service Verification Test Suite starts as soon as you switch on
- Simple to use. Virtually no training required
- Configurable Pass / Fail Information clearly presented using multi-colour LEDs

EFFICIENTLY INSTALL AND MAINTAIN YOUR xDSL NETWORK

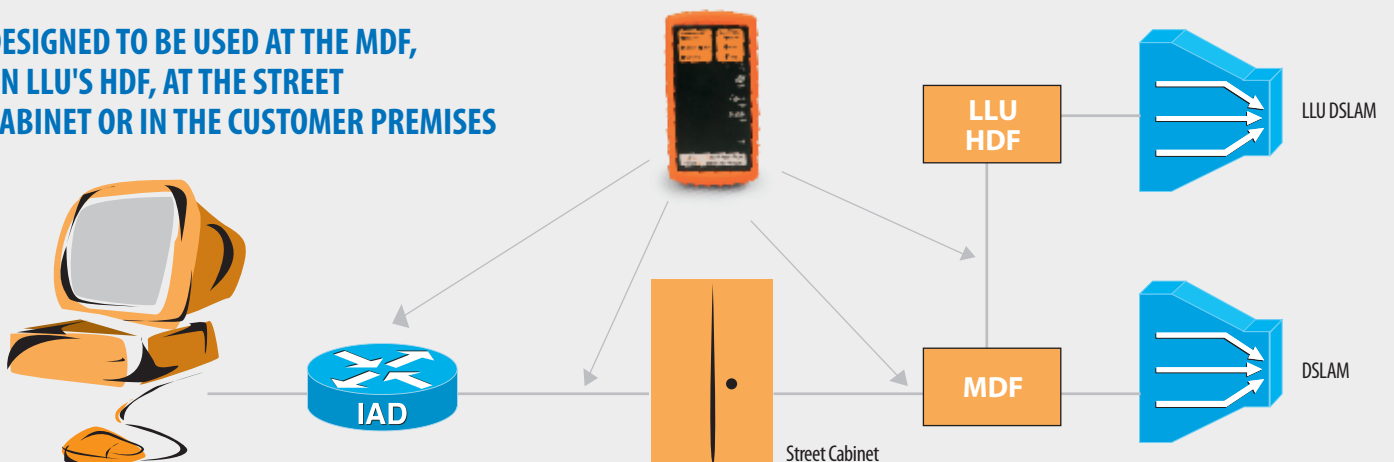
Engineers will quickly identify faults such as:

- Incorrect MDF Jumpering
- No Line Voltage
- Incorrectly Configured DSLAM Ports
- Poor Line Rate
- Poor Noise Margin
- Excessive Line Attenuation
- Line Voltage Problems
- IP Layer Faults - identified by a comprehensive IP test suite

The Web Interface provides additional comprehensive test results



DESIGNED TO BE USED AT THE MDF, AN LLU'S HDF, AT THE STREET CABINET OR IN THE CUSTOMER PREMISES



EASE OF USE

■ SIMPLE PASS / FAIL LEDS



ADSL2+ Service Measurements Version

- Line Voltage LED indicates poor, missing or excessive Line Voltage
- LEDs to indicate if Showtime reached for ADSL2+ or ADSL
- In Service LED indicates problems with PPP or IP layer
- LED's to indicate problems with the Trained Line Rate, poor Noise Margin or excessive Line Attenuation

ADSL2+ High Layer Service Test Version

- Line Voltage LED indicates poor, missing or excessive Line Voltage
- LEDs to indicate if Showtime reached for ADSL2+ or ADSL.
- In Service LED indicates problems with PPP or IP layer
- Ping LED indicates if any problems pinging the required end point, gateway and DNS Servers.
- FTP LED indicates if any problems with this Data test.
- HTTP LED indicates if any problems downloading a Web Page

WEB INTERFACE

The QuickTest 100 provides an easy to use web interface that can be used to obtain comprehensive test results, to customise Pass / Fail Thresholds, perform software upgrades or to use the extensive test suite.

Result	Train State	Train Time	Line Drops	Active Time	Mode	Type	Line Coding	Power State	Status
✓	Showtime	5	0	528	GDMT	Interleave	Trellis On	L0	No Defect

Result	Name	Statistics		Result	Errors and Counters	
		Upstream	Downstream		Upstream	Downstream
✓	Line Rate (kbps)	512	6144	✓	MFC Errors	0
✓	Attainable Rate (kbps)	1000	11950	✓	CCD Errors	0
✓	SNR Margin (dB)	19.0	19.2	✓	LCD Errors	0
✓	Attenuation (dB)	2.5	1.0	✓	Bit Errors	0
✓	Output Power (dBm)	11.9	-2.6	✓	Data Cells	0

EXTENSIVE TEST SUITE WHEN COMBINED WITH A LAPTOP PC

In addition to the normal standalone mode of operation, the QuickTest 100 becomes a comprehensive troubleshooting tool when combined with a laptop.

Test	Status	View Result Details
WAN Service Up	✓	Test Passed
Ping (Remote Destination) Test Successful	✓	Test Passed
Ping (Gateway) Test Successful	✓	Test Passed
Ping (Primary DNS) Test Successful	✓	Test Passed
Ping (Secondary DNS) Test Successful	✓	Test Passed
FTP Test Successful	✓	Test Passed
HTTP Test Successful	✓	Test Passed
Traceroute Test Successful	✗	Test Failed
Trace Route Test Successful	✗	Test Failed

Specification

XDSL

ANSI T1.413
ITU G.992.1 (G.dmt)
G.992.2 (G.lite)
G.992.3 (ADSL2)
G.992.5 (ADSL2+)
Annex A/B/L/M

ATM

I.432 ATM physical layer compliant

ENCAPSULATION PROTOCOLS

RFC2364 (PPPoA)
RFC2516 (PPPoE)
RFC2684 Bridged and Routed
RFC1577 CLASSIC IP over ATM (CLIP)

QUICKTEST TEST SUITE

WAN Service Verification
Ping
FTP
HTTP
DNS
Trace Route

PHYSICAL The QuickTest 100 has been designed to be used at the street cabinet, in the exchange or customer premises. The protective rubber boot and smooth front surface combine to provide a product that is protected from light rain.

BATTERY

The QuickTest 100 can be operated from the mains supply, 4 x AA rechargeable batteries or 4 x AA disposable batteries.

At Vonaq we are continuously onward developing our products to better meet your needs, as such all information contained herein is subject to change.

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