RapidTrace 700

LAN and Wiremap Tester

Display showing:
```
Pr. 4-5 <3m   Open
Pr. 1-2 <3m   Open
Pr. 3-6 <3m   Open
Pr. 7-8 <3m   Open
TIA568 UTP Up=69%
```

TDR

VONAQ

RapidTrace 700
LAN Tester

RapidTrace 700
Remote Unit

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Vonaq's RapidTrace 700

Is a high performance yet cost effective LAN & Wiremap Test tool that allows users to efficiently test and certify structured cabling continuity to TIA568A/B, USOC and ISDN standards

Some of the key benefits and features of the RapidTrace 700 are:

The RapidTrace 700 Identifies all common faults on wiring schemes installed to TIA568A/B USOC and ISDN standards including:

- open circuit wires
- shorts between pairs
- split pairs
- shield /screen continuity

- shorted pairs
- crossed pairs
- pair reversals

▶ Prior to checking an installed wiring network, the RapidTrace 700 will alert the operator if any telephone services are active on the cable under test.

▶ The RapidTrace 700 can also test for, and indicate any other active services (10Mb/s, 100Mb/s, Token Ring, etc), in order to prevent accidental testing of a live network.

▶ The RapidTrace 700 will store up to 1000 test results which can be viewed or be downloaded to a PC via the RapidTrace software provided.

▶ Test results can then be customized with you corporate identity and certificates produced displaying the customer's location/job, length, cable VP and testing standard.

▶ The RapidTrace 700 displays on screen wiring configurations showing the length of all 4 pairs and length of pair to fault up to 150m (500ft).

▶ In addition, a built in tone generator (oscillator) transmits a warble tone into the cable enabling detection and tracing using a standard probe.

▶ The RapidTrace 700 comes complete with one intelligent remote probe, with a further 15 units available as optional accessories. Unlike far end units on competitor products the RapidTrace 700's remotes are intelligent and indicate if the test has passed or failed

Vonaq Ltd.
Tel: 01923 750013
Fax: 01923 888359
Company No: 6014723
VAT No: GB 898 3555 56

The RapidTrace 700's TDR functionality allows users to accurately identify fault types and exact distance on each pair of a specific cable

The wiremap test gives a clear indication of any wiring faults and certifies the cable continuity.
In addition it will pass or fail
the cable and allow you to save this as a report.

In the set up screen users can :

Select the cable type/standard in order to certify cable continuity accurately
Generate a tone for cable tracing
Select the velocity propagation for the cable you are testing to accurately identify the distance to a fault
Upload reports to a PC

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Vonaq Ltd.
Tel: +44 (0)1923 750013
Fax: +44 (0)1923 888359
Email: info@vonaq.com
www.vonaq.com

SPECIFICATION

- ► **Cable Types UTP STP FTP SSTP**
- ► **Length Measurement 0 - 150m or 500ft**
- ► **Faults Indicated Short Circuit Pair, Open Circuit Wire, Short Between Pairs, Split / Cross Pairs, Pair Reversals**
- ► **Fault Display All Fault and setting info displayed graphically and textually, Shield Continuity**
- ► **Fault Location Near or Remote End or distance if midway**
- ► **Wiring Schemes TIA568A/B, USOC & ISDN**
- ► **Service Indication Telephone, 10BaseT, 100Mbit+, Token Ring**
- ► **Voltage Warning Warns off TNV (Telecom Network Voltage**
- ► **Tone Generator Oscillating 810 / 1110Hz**
- ► **Languages English (UK USA) German, French Spanish, Portuguese, Italian**
- ► **Battery Life Indication (Gas Gauge) Bar Graph**
- ► **Main Unit Display 128x64 graphical LCD**
- ► **Remote Unit Display Green/Red LED**
- ► **Power supply 4x1.5 AA alkaline Battery**
- ► **Battery Life Standby 4000hrs Continuous testing> 7.5 hrs**
- ► **Operating Temp. 0 to 40 deg. C**
- ► **Storage Temp -20 to 70 deg. C**
- ► **Weight 350gms (12oz)**
- ► **Dimensions 165 x 90 x 37mm**
- ► **Safety IEC61010-1**
- ► **CE: Compliant with Current EU Directives**
- ► **Burst: EN61000-4-4**
- ► **EMC: EN50081 / 50082**
- ► **Conducted RF: EN61000-4-6**
- ► **ESD: EN61000-4-2**
- ► **EM: EN61000-4-3**

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