

1503C
1503B

1502C
1502B

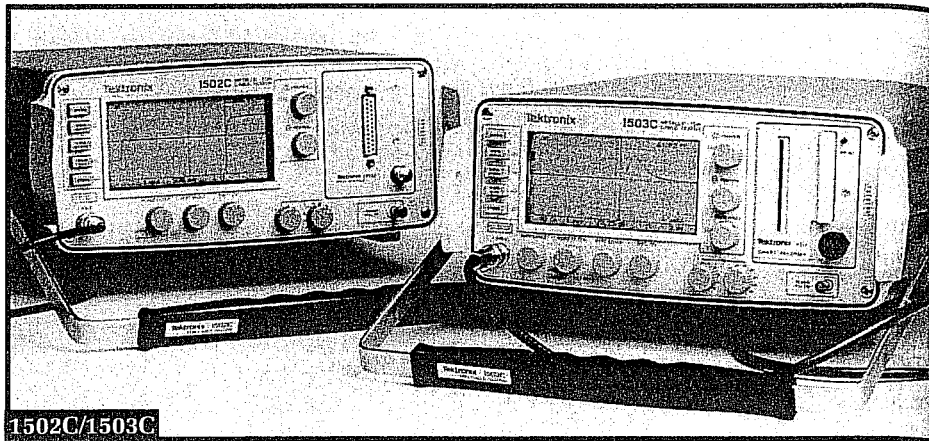
Metallic Cable Testers

METALLIC CABLE TESTERS

Custom
configure to meet
your needs.

1502C/1503C 1502B/1503B

- Direct Distance Readout – Accurate to Better Than 1%
- Intermittent Fault Monitor Mode
- High Resolution LCD Display With Zoom
- Menu-driven Setup
- Help Mode
- Rugged Portability
- Calibrated Vertical Scale
- Optional Serial Interface
- Optional Internal Printer
- Noise Filtering



The 1502C/1503C MTDR Cable Testers combine portability and ease of use with the ability to test most dual conductor metallic cable under virtually any condition.

1503B/1503C

GENERAL PURPOSE CABLE TESTERS

These products generate a 1/2 sine pulse, with selectable pulse widths of 2, 10, 100, or 1000 nano-seconds. The high-resolution 2 ns pulse permits the identification of multiple faults as close together as one foot. The 1000 ns pulse gives the 1503C a range of 5,000 to 50,000 feet (depending on cable type and condition).

For most TDR applications, where determining distance to an impedance change is the key measurement, the 1503C/1503B are the best choice.

1502C/1502B ULTRA-HIGH RESOLUTION TDRS

The 1502C and 1502B generate a 200 picosecond rise time step pulse and have an output impedance of 50 Ω. The fast risetime permits the identification of multiple faults as close together as 0.6 inches.

Sample Applications

TELEPHONE

In addition to locating shorts, opens, splits,

crosses and bridges, the 1503C or 1503B can be used to identify and locate load coils or pinpoint and map wet sections of cable (together with the YT1 printer).

LOCAL AREA NETWORKS

Cable and connector problems can be the biggest headache for the LAN installer. The 1503C's high resolution 2 ns pulse will precisely identify problems in seconds. The calibrated vertical scale can help identify marginal components before they cause problems, and a return call.

ON-BOARD SYSTEMS

The ultra high resolution of the 1502C or 1502B are perfectly adapted for testing critical wiring on board aircraft and ships.

MANUFACTURING QUALITY CONTROL

Manufacturers of circuit boards or precision cabling can quickly and accurately determine or verify the impedance characteristics of their products in a matter of seconds with the 1502C or 1502B.

ORDERING INFORMATION

1503C – Metallic TDR	TD \$4,950
1503B – Metallic TDR	\$5,850
1502C – Metallic TDR	\$6,950
1502B – Metallic TDR	\$7,850

Includes: AC Power Cord; 50 Ω BNC Terminator; Precision 50 Ω Cable (1502); 93 Ω Cable (1503); BNC-Cliplead (1503); Female-to-female BNC Connector; Spare Fuse; Operator's Manual; Accessory Pouch; OptionPort Cover; Calculator Slide Rule.

Opt. 03 – Battery Pack **TD** +\$250

1500C Series products meet environmental requirements of MIL-STD-28800C for Type III, Class 3, Style C, and utilize a high performance internal gel-cell battery. 1500B Series products meet environmental requirements for Style A, and utilize a removable NiCad battery pack.

Opt. 04 – YT1 Chart Recorder **TD** +\$950

Records all information displayed on LCD, including waveform and settings for a permanent record.

Opt. 06 – (1503 only) Live Ethernet testing capability +\$350

Opt. 08 – Token Ring TDR Adapter (1503 only) +\$150

Opt. 09 – USOC Adapter (1503 only) +\$150

Opt. 08 – Token Ring Interface (1503 only) +\$350

SP232 Serial Interface Module \$595

Provides a serial link to a host PC for remote control, waveform storage, and automated fault finding. Includes host software for IBM-compatible PCs.

WARRANTY-PLUS SERVICE OPTIONS

Opt. M7 – Calibration Service

OF1503C/OF1503B

OF1502C/OF1502B

Opt. M9 – Repair Protection

OF1503C/OF1503B

OF1502C/OF1502B

A wide range of other options and connectors are available.

TD

1503C and Opt. 03 available within 24 hours through TekDirect. Call 1-800-426-2200

To order, contact your local sales office (listed on the inside back cover) or call the National Marketing Center at 1-800-833-9200.