

ULTIMATE IN HAND-HELD STEP TDR TECHNOLOGY

The NEW enhanced version of the 20/20 Step TDR is ideal for troubleshooting **all types of coax,**

OSP cables, twisted pairs Cat2 to Cat6A and single wires in bundle/harness. It is based on the current 20/20 TDR employing "Step" technology's amazingly accurate fault locating and display capabilities. The E20/20 TDR stores, recalls and uploads traces to a PC by name, date and time. It has a user friendly interface to reduce technician learning curve and training time.

Including features like **Setup Wizard, Named Menu keys, and Context Sensitive Help.** The E20/20 TDR also has new **MicroFault** locating for small coax kinks and crushes that might be service affecting, but hard to see on a normal TDR trace. It has larger clearer display fonts and LED indicators for active Function Keys. The E20/20 TDR is ideal for testing and troubleshooting Coax, Twinax, Triax, Telco OSP, or LAN twisted pairs Cat 2 to Cat 6A. The E20/20 TDR comes in a variety of connector configurations. Its internal Cable List holds 64 cable types, can be user edited, and modified lists can be uploaded or downloaded to a PC using ETDR PC Vision™ software.

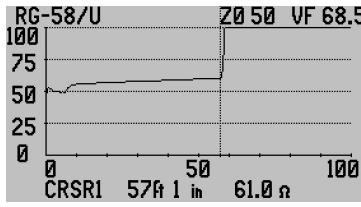


Features

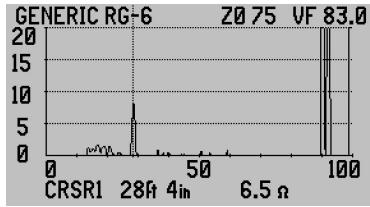
Ranges: from 0-10ft (0-2m) to 20,000 ft (5Km)
 No dead zone on any range setting
 Range Zoom on Cursor
 Impedance zoom using Z Scale
 Cursor reading to $\pm \frac{1}{2}$ inch (10mm) using Zoom
 Cable List with 64 cable types
 Context Sensitive Help
 Cell phone style alpha-numeric entry pad
 Keypad LED indicators for active function
 Setup Wizard – step by step start up
 Cable toning – coax or twisted pair
 Stores 32 traces with name, date & time
 Rechargeable NiMH AA cells included
 ETDR PC Vision software included
 N, BNC & RJ45, and F & RJ45 connector models

Benefits

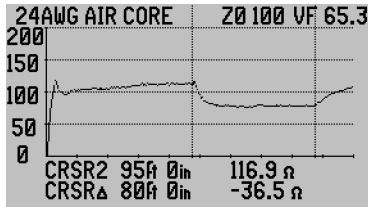
Coax and twisted pairs testing using same TDR
 Accurate and clearer trace indication of faults
 More advanced features to aid troubleshooting
 Save, upload, print or email traces
 Find faults other TDR's miss
 Clear trouble more quickly with less testing
 Upload, download, and customize cable lists
 Saved traces are also saved setups for recall
 Noise detections and noise filter
 Locate coax runs or pairs quickly using Tone Function
 Setup Wizard makes training interactive
 "Belt Friendly" size and only 2 lbs (900g)



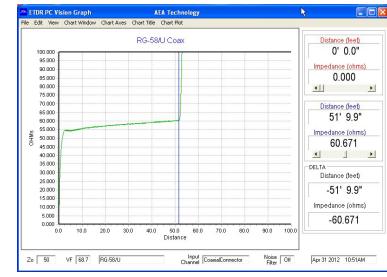
Coax-high impedance (Z) & open far end



Coax crimp using MicroFault locating



Wet twisted pair cable



ETDR PC Vision
Graphical Display



Made in the USA

See reverse for ordering information, specifications and accessories

Ordering Information

Model	Part Number	Equipped & Included Accessories
E20/20N TDR	6021-5000	Connector: N type. Cable List: Broadcast. N-to-BNC Adapter & BNC to Alligator clips test leads
E20/20F Network TDR	6021-5041	Connectors: F & RJ45. Cable List: CATV, F-to-Alligator clips test leads and RJ45-to-RJ45 Cat 5E 6ft (2m) Test Lead
E20/20F Network TDR	6021-5042	Connectors: F & RJ45. Cable List: Telco, F-to-Alligator clips test leads and RJ45-to-RJ45 Cat 5E 6ft (2m) Test Lead
E20/20B Network	6021-5053	Connectors: BNC & RJ45. Cable List: VDV/RF, BNC-to-Alligator clips test leads and RJ45-to-RJ45 Cat 5E 6ft (2m) Test Lead

Accessories included with all models: Belt case, AC adapter, 8AA NiMH cells (installed), USB Cable, Printed Basic Guide, Laminated Quick Start Guide, and CD with ETDR PC Vision software, Operator Manual, Training presentation, Application Notes, and more.

Optional Accessories

Accessory	Part Number	Description	Image
RJ-45 Test lead- Telco	0070-1219	RJ-45 to Telco alligator clips, 4' (1.1m) two-pair test leads.	
Padded soft case	6015-1003	Large padded soft case fits instrument and multiple accessories.	
F Test Lead	0070-1230	Mini-coax lead rated to 3.5GHz, 3' (1m) with male F connectors on each end & one F style quick disconnect.	
BNC Test Lead	0070-1500	6 ft (2m) 50Ω coax lead with 1 male & 1 female BNC connectors	
N-to-BNC Adapter	0070-1190	N male to BNC female adapter	
N-to-SMA Adapter	0070-1158	N male to SMA female adapter	

Key Specifications (visit aeatechnology.com for more)

Maximum Ranges:	20Kft (5Km) @ .99c or 14Kft (4.3Km) @ .66c	Cable List:	64 Cable types with Z and VF. PC upload or download custom cable lists.
Minimum Range:	0-10ft (0-2m)	Tones:	900/1100 warble, 977.5, 850, 577Hz
Range Scales:	11 selectable ranges	Display:	Quarter VGA transreflective and backlit
Range Accuracy:	<0.2% ±1inch (2cm) + VF uncertainty	Communications:	USB-2/Serial
Resolution	0.5 inch on 10ft range scale or 10ft Zoom	Internal Power:	8 AA NiMH cells (installed) ~5.5 hours continuous operation on single charge
Z Accuracy:	<2% (Cable Z=45 to 125 Ohms)	Alternate cells:	8 AA alkaline cells, ~ 7 hours continuous operation
Z Scales:	20, 50, 100, 200, 500, and 1,000 Ohms Zero on any range setting	External Power:	90-240VAC 50/60Hz adapter to 12VDC
Dead Zone:	2 independent and differential reading	Size:	8.5" x 4.3" x 2.25" (216 x 109 x 57mm)
Cursors:	32 traces with 1920 data points (feet) and 2000 data points (meters), name, date, and time. Recall by name from list.	Weight:	2.1 lbs (923grams) with belt case and batteries
Memory:	Test Lead Null	Environmental:	Splash and dust resistant
Advance Features:	MicroFault Locating	Ruggedness:	MILSTD 810G Transient Drop tested, 48" (1.2m) to concrete, 27 drops
	Setup Wizard - step-by-step start up instructions	CERTIFICATIONS :	CE
	Context Sensitive Help		EMC: EN/IEC 61326-1:2013/2020
			Safety: EN/IEC 61010-1:2010 +A1:2016 + C1:2019

All specifications subject to change without notice



Testing Made Simple!



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