



2008 Global Test & Measurement  
Emerging Company of the Year Award

## CX40 Cable Expert – TDR / Toner

### Product Description

The CX40 is a hand held Time Domain Reflectometer with 11 range scales covering the range 0-4000 meters, with a 7 meter first range scale and a 0.5 meter dead zone near and far end faults are clearly displayed on its 128x64 pixel back light Liquid Crystal Display.

The Auto Fault Location key will move the cursor directly to the first event or fault, thus eliminating the need to visually interpret the wave form. When set in manual mode, the wave form may be visually scanned as on conventional TDRs. In both modes the user variable gain covering the range of default to 64 db's may be used to magnify small events identified on the waveform. The scan lock feature will allow the user to hold the trace for closer examination.

Designed for identifying and locating faults on all metallic cables with two or more insulated conductors. The CX40 has impedance matched circuits for 25, 50, 75 and 100 ohms and with velocity of propagation settings from 1-99% (or the equivalent in feet or meters/micro second) will cover the range of power, data, communication and CCTV cables.

Housed in a rugged IP54 rated ABS enclosure and weighing only 350 grams (12 ounces), the CX40 is suitable for outside use.

### Key Features

- Auto Fault Location
- Rugged Palm-Top design
- Weighs less than 350g (12oz)
- 11 Measurement Ranges up to 4000m
- 25, 50, 75 & 100ohm Selectable Cable Impedance
- User Variable Gain Control
- Built in Tone Generator for Pair Tracing and Identification
- Suitable for testing all Communication and Power Cables
- Environmental Protection IP54
- CE Approved
- Soft bag & Test Leads