TX800

The TX8000 is a 6 Km range Time Domain Reflectometer housed in a rugged over moulded case being water proof to IP67 and drop resistant, designed for outdoor use, but sufficiently small and light weight for general use and may be operated using one hand. Using a 3.5-inch QVGA colour display information is clearly displayed; an illuminated keypad makes the TX8000 ideal for use in poorly lit areas.

Using 11 range scales with a first range of 7 meters near end faults are clearly visible. Using the scan hold function faults may be retained on screen for closer examination or when in scan mode intermittent faults may be easily identified. By using the trace hold and compare feature the current trace may be displayed and compared with a new trace. The user variable gain function allows small events on the wave form to be magnified for clearer identification. With dual cursors each cursor giving its length measurement and a differential distance between cursors the length of the fault may be identified. To assist in the identification of faults a number of fault types may be super imposed over the displayed fault for easier identification.



- 6 Km (19000 feet)
- 0.5 meter dead zone
- Trace hold and compare
- 328 x 256 QVGA display
- User variable gain control
- Tone generator for cable tracing
- Selectable language
- Environmental control to IP67
- Neck/shoulder strap
- C.E. approved
- 3 years manufacturers warranty



Specifications

Ranges meters 7, 15, 30, 60, 120, 250, 500, 1km, 2km, 3km, 6km

Feet 23, 49, 98, 197, 394, 820, 1640, 3280, 6560, 9850, 19000

Range Selection Manual range control

Cursors Dual cursors with a distance measurement

between cursors

Accuracy 1% of selected range*
Resolution Approx. 1% of range

Sensitivity Min 3 pixel return at 4km on 0,6mm Æ, PE, TP Velocity Factor Adjustable from 10% to 99% or equivalent

in Ft/ meters per micro second

Output Pulse 5 volts peak to peak. Into open circuit

Output Impedance 25, 50, 75, 100 & 120 ohms

Output pulse 3 ns to 3 us, Automatic with range Scan Rate 2 scans / second or scan held

Tone Generator 810 – 1100Hz Battery Life 7 hours typical use

Power Supply 6 volts, 4 x 1.5 AA Alkaline cells or NMH

rechargeable cells

Power Down 1, 2, 3, 5, 10 and 15 minutes or disabled

Display 328mm x256mm QVGA

Voltage protection 250 volts AC Operating Temp -10° / 50° C Storage Temp -20° / 70° C

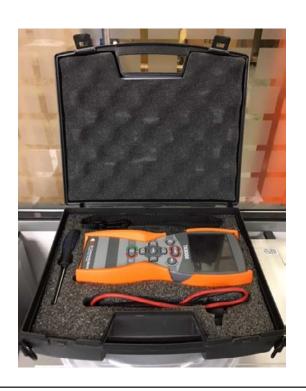
Dimensions 220 x 98 x 58 mm / 8.7x3.8x2.3 inches

Weight 0.5 Kg / 1pouind 2 ounces
Safety IEC 61010-1 EN 60950
EMC BS/EN 61326-1

Protection Class IP67

Scope of delivery

- TX8000
- 0.5 Metre attachment lead
- Shoulder/neck strap
- Screwdriver for battery screws
- 4 x AA batteries
- Protective carry case
- Instruction manual







^{*} Measurement accuracy of +/-1% assumes the instrument setting for VoP of the cable under test to be accurately set, homogeneity of the VoP along the cable length, and accurate cursor positioning.