



## T-905 Power Cable Fault Locator

T-905 Power Cable Fault Locator is a portable, easy to use, single-phase unit for cable fault pre-location by using the Time Domain Reflection (TDR) method on low, medium and high voltage cables. Further fault location methods are available with the application of the appropriate coupling device. Its measuring ranges enable pre-location on cable lengths from 0 m to 16km.

T-905 Power Cable Fault Locator is operated via function keys and is fully menu guided. The unit is supplied with rechargeable batteries.

### Features:

- Interactive menu-guidance
- Measuring range up to 16 km
- Printer connection via RS 232
- PC connection via RS 232
- Memory up to 50 echo-gramms

### Measuring Methods:

- Pulse Reflection Method
- Secondary Impulse Method (SIM)

- Impulse Current Method

### Specification:

- Voltage of transmitting pulse:  
30V
- Width of transmitting pulse:  
40 ns - 3.56  $\mu$ s
- Voltage withstand:  
400V AC (50/60Hz)
- Output impedance:

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- 5 - 80 Ohm
- Measuring range:
  - 0 – 16 km
- Sampling rate:
  - 100MHz (10ns)
- Resolution:
  - TDR and SIM mode:
    - ±1m when detecting range ≤4 Km
    - ±4m when detecting range >4 Km
  - ICM mode:
    - ±4m when detecting range ≤4 Km
    - ±16m when detecting range >4 Km
- Propagation velocity:
  - 90-300 m/μs
- Number of echograms memories:
  - 50
- Display:
  - 320x240 dots
- Charging voltage:
  - Input: 110 – 265V AC
  - Output: 8.4V±10% DC
- Operation time of rechargeable batteries:
  - Approx. 5 h
- Operating temperature:
  - 20 - +50 °C
- Storage temperature:
  - 40 - +60 °C
- Languages:
  - English, Chinese
- Type of protection IP54:
  - Splash proof and dust protected
- Dimensions:
  - 330mm × 305mm ×152mm
- Weight:
  - 3 Kg
- Power Cable Fault Locator T-905 without Accessories
- Carrying Bag
- Current Coupler
- Coupler Cable
- Testing Cable
- Charger
- Manual

**Delivery includes:**