

# TDR + Bridge



## OVERVIEW

This cable fault locator is designed for ease of use. It combines with both time domain reflectometer (TDR, pulse reflection testing) and intelligent bridge testing (Bridge) for measuring the exact fault location such as the broken line, cross faults, earthing, poor insulation and poor contact of the lead covered cables as well as plastic cables.

It can test almost all the telecom cables. Simply select the modes which you are going to use. Distance, VOP, Gain and Range are automatically selected and adjusted as you scan the cable. Just move the cursor to the fault to pinpoint its location.

## SPECIFICATIONS

TDR	
Max range	8km(16km/32km optional)
Dead Zone	0m
Testing Accuracy	1m
Pulse width	40ns-10μs with automatic adjustment
Automatic impedance balance adjustment	BNC Port
Automatic and manual gain adjustment	Lithium Battery 7.4V, 2200mAh
Bridge	
Max poor insulation resistance	100 MΩ
Testing accuracy	±1%×cable length
The max length of testing cable	9999m
Charging time	4 hours
Continued operating time	8 hours
Dimension	220×160×90 (mm <sup>3</sup> )
Weight	1Kg

## FEATURES

- Large color LCD Display (480 x 280 dot); humanized operation interface; six function keys and simple operation.
- Both pulse reflection testing (TDR) and intelligent bridge testing (Bridge) can test broken lines, crossing lines, poor insulation and other types of faults.
- Manual testing function is preserved.
- Full English Menu is easy to master and use.
- With megameter and ohmmeter, it enables to test insulation resistance and loop resistance.
- With USB Port, it is easy to upload testing data to U-disk and you can analyze the data on computer; waveform comparison.
- Rechargeable lithium battery, intelligent charging without duty.
- Small dimension, light weight and portable design.

## PACKING LIST

TC-300 Cable Fault Locator		1 UNIT
Carrying Bag		1 PCS
Charger		1 PCS
Test Line		2PCS
User Manual		1 PCS
CD with management software		Just for USB function
USB-Disk		Just for USB function



# TC-300

CABLE FAULT LOCATOR

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