










FEATURES

- Handheld designed, easy to carry
- Using the advanced technology of ARM and FPGA
- Use large screen panel liquid crystal display, man-machine interface amity, simple and intuitive operation, prompt information rich and comprehensive
- DGAC (Digital gain auto control). This will reduce the waveform distortion caused by the Potentiometer knob; and also can be used for pure line adjust which is convenient for manual test
- Auto identification technology of the digit wave form: the unit can automatically identify the waveform that difficult to judge manually and test the dead zone clearly.
- It can automatically choose length of cable and adjust range according the cable length.
- Adopts high end (True 32-bit) ARM chip to cooperate with FPGA (Field programmable gates array technology), which will be in favor of performing the complicated operation and judging the faults wave correctly.
- Big screen color LCD display, human interface with CN/EN menu, six keys to perform all operation completely.
- High-energy lithium battery, which ensure the working time last for 10 hours
- Continuous measurement speed is less than 1 second
- Automatic turn-off function
- Battery icon to indicate the battery level
- Compare the last two different waveforms



PACKING LIST

TC-100 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



SPECIFICATIONS



Manual Measurement Range	0~8km(16km, 32km are optional)
Auto Measurement Range	0~4km
Measurement Error	± 1% of selected range
VOP Range	Absolute Value: 40~300m/μs and 1 m/μs per step Relative Ratio: 0.20~0.99 and 0.01per step(optional)
Display	Color Screen 320*240
Port Type	BNC Port
Battery	Lithium Battery 7.4V, 2700mAh
Gain Adjustment Range	0~99
Pulse Amplitude	0~ 40V (Smooth change in the full-wave single pulse)
Pulse Width	50ns~2.5 μs Automatic Adjustment Pulse Width
Power Consumption	1w
Working Time	>10h
Working Temperature	-15 °C~45 °C
Storage Temperature	-20°C~55°C
Test Dead Zone	0m
Impedance	50~200Ω Automatic Impedance Balance
Weight	380g
Dimension	204*100*36 mm ³



PICTURES



TC-100

CABLE FAULT LOCATOR

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