

KINGSINE UTC20 Cable Fault Tester, Integrated Cable Detector



5 Features of the UTC20

- Digital multifunctional cable detection of Comprehensive Machine
- Solution to live cable routing problems cannot be solved at present
- You can find the buried cable jacketing damage to ground short circuit and open - circuit fault
- Can be recognition required cable in multi-charged cables
- Configuration rechargeable batteries, may completed all the tests without electricity

Find the path of the live cable

You can easily solve the paths find problem in the live cable. Put the coupling clamp to the under test cable, Transmitter coupling signals by coupling clamp on target cable, Path along the cable can receive the signal applied from the transmitter. Such method can detect the cable length is not less than 3 km. The receiver can detect the 50Hz frequency signals from the live cable, this method to distinguish the live cable and the disconnected cables is very useful. In this way, does not need to use transmitter.

Blind testing of underground cables

In some cases, Operator cannot close to the cable to connect directly or using coupling clamp, you can use the built-in induction antenna of transmitter to send output signal, Signal will induction to the measured underground cables for locating exploration, This method to detect Cable Depth will not less than 2 meters.

Find Buried cable fault

UTC20 can be applied step voltage method to determine the buried cable fault of ground insulation less than $2M\Omega$. Signal strength method can also be used to determine open and short cable fault. UTC20 cable tester has changed the traditional concept of cable fault location, without high voltage test equipment, without the use of AC power, no analysis of waveforms, Connection of simple and straightforward, A look that will be used.

Identification of live cables

Coupling the emissions clamp of transmitter on the cable, couple the receiver clamp on the cable exposure of the other side, At this point the strength of the signal can be determine which one is the applied signal cable.(This method requires a special clamp for receiver.