

## KINGSINE CI-20 Cable Fault Tester, Cable Identification System



Power cable jointing technicians are often faced with the problem of having to cut into existing live cables in order to expand their existing networks.

The CI-20 was designed to facilitate the positive identification of one disconnected power cable from a bundle. It will, when used correctly positively and safely identify one specific cable. It is very simple to operate and will give perfect results time after time.

### Principles of Operation

CI-20 cable identification system consists of three parts: signal generator, receiver clamp and indication meter.

Signal generator to produce specific pulse modulation signal, and applied to the disconnected cable, uses the receiver clamp and indication meter to find the measured cable at the field, When the receiver clamp detected the special signal that applied to the cable, indicator meter's pointer will synchronization swing with the imposition signal frequency. In other cable, Detected signal will have a lot of small and in the opposite direction, through the amplitude and direction of the meter indication, the cable under test is very easy to determine.

The application of the instrument is very simple and very low levels of skill is needed for successful positive cable identification.

## Specifications

Signal Generator		Receiver clamp and Indication meter	
Power supply	AC220V 50Hz	Power supply	Not required
Pulse voltage	60V	Current detection	5A~ 40A
Pulse current	20A	Detection method	Clamp
Output mode	Intermittent modulation	Criterion	Amplitude and Direction
Range	> 20Km	Jaw size	150mmopen 130mmclose
Time interval	5S		
Operating Temp	-10 ~ 50°C		
Weight	6.0Kg		

## Features

- Accurate identification, no-compromise judgments, 100% accuracy
- Jaw  $\phi$ 150mm, great for a variety of cables
- Reliable self-protection circuit are not afraid of short output
- Adjustable output power, suitable for all occasions
- Simple operation without training

## Standard Configuration

- Signal generator
- Receiver clamp
- Indicator meter
- Manual
- Instrument box.