



*Transparent Testing &  
Simplified Measurement*

# Cable Fault Locator SBE-CFL 35 SBE-CFL 32





## A. CABLE FAULT PRE LOCATOR

### FEATURES

- It can Test Distance, Speed and Resistance of the Cable.
- With Micro - Printer, print out the Wave form and measuring results.
- Fully Automatic Continuous Sampling, never misses any discharge web form.
- Test Method : Flash-over method, Low pressure pulse method, multiple waveform analysis method.

### TECHNICAL DATA

- Measuring method :  
TDR Measurement method, Flash-over Sampling and Impulse Current Method.
- Pulse Amplitude : 100 V p-p
- Pulse width : 0.1 $\mu$ S-2 $\mu$ S
- Output Impedance :50 OHM
- Dynamic Range : >75db
- Measuring Distance : 15 KM - 30 KM
- Accuracy of distance measurement : +/-1%
- Resolution : 0.5 m
- Power Supply : AC 220 V, +/- 10%, 50 Hz,  
DC 24 V / 7 AH, CONT. For 6 Hours.
- Data Storage : 10 Set.
- Weight : 4.4 KG
- Dimension : 350 mm X 280 mm X 170 mm
- Working Condition : Temp. : -10 deg. C - + 45 deg.
- Relative Humidity : 90%





## B. HIGH VOLTAGE SURGE GENERATOR

### FEATURES

- This device integrates DC-High Voltage Source, energy storage capacitor, discharge ball gap equal to one.
- With Over current, over voltage, over heat automatic protection.
- The impact discharge is uniform, and the discharge speed can be controlled.
- Short Circuit Protection function, can make the high voltage output directly to the ground.



### TECHNICAL DATA

- Impact high Voltage : 0 - 35 KV
- Impact Time : 1 - 10 Sec.
- Impact Power : 400 Watt
- High Voltage Partial Pressure : Voltage Accuracy = 1.5
- Built in Capacitor : 4  $\mu$ F
- Surge Energy : 1225 J
- Working Power : AC 220 V, +/- 10%, 50 Hz, +/-2 Hz.
- Discharge Power : 2540 J
- Ambient Temperature : -20 deg. C to +50 deg. C
- Over temperature protection : 85 deg. C
- Dimension : 420 L X 325 W X 480 H
- Weight : Less than 35 KG.



## C. PIN POINTER

### FEATURES

- Can synchronously receive sound and Electromagnetic wave, when fault point discharges.
- Structure Feature : receiver and probe separated.  
arm grade anti noise ear phone.
- The Probe is made of special technology with professional sound collector.
- Portable and easy to use. Fast and accurate to find cable fault.



### TECHNICAL DATA

- Receiving Mode : Magnetic Sound Synchronization.
- Receiving Frequency : Audio Frequency.
- Magnification : 50,000 times output impedance : 350 OHM.
- Positioning accuracy : +/-0.02
- Power Dissipation : Quiescent current is less than 10 mA. The working current not more than 10 mA.
- Working Voltage : DC 9 V Battery.
- Power Operating temperature : - 10 deg. C - 55 deg. C.

## D. CABLE ROUTE TRACER

### FEATURES

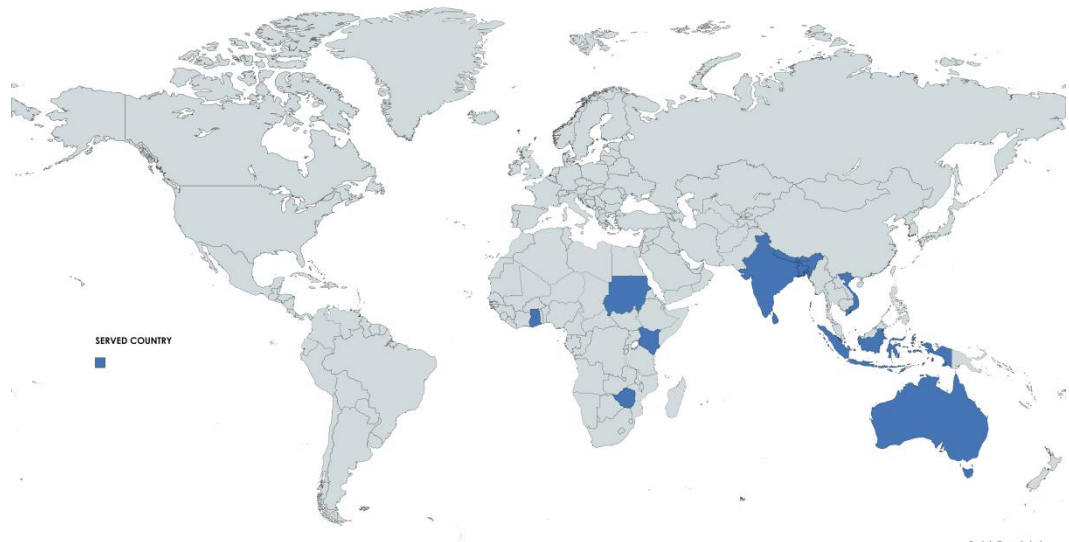
- Cable Route Tracer is specially designed for detecting the underground cable Layout position and underground depth in a certain range.
- Cable Route Tracer consist of Signal transmitter and receiver (Cable Fault pinpoint Tester), both of which finish the detection. By united operation the cable route detector could exactly pinpoint the cable route in the probable range of cable burial .

### TECHNICAL DATA

- Output Frequency : Audio Frequency.
- Output Signal : Intermittent , 0-50 V pp
- Power Supply : 220 V (1+/-10%), 50 Hz (1+/-5%)
- Output Power : 100 W
- Output Current : 0 - 2 A
- Receiving mode : Electromagnetic Induction.



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