



T-H100 Sheath Fault Locator

This new revolutionary and unique device is used for cable sheath fault pre-location. The special measuring performs measurements according to DC Resistance Methods. With the high voltage DC source, T-H100 can pre-locate low and high resistive cable faults. The measuring principle enables the pre-location of cable sheath faults and earth faults on unshielded cables. T-H100 can also precisely locate the leakage current for power cable. T-H100 consists of two parts, one is data sampling unit and another one is control unit.

Features:

- Works with T-100 High Voltage Surge Generator to detect distance to fault for power cable sheath.
- The results are displayed digitally.
- Works with suitable high voltage surge generator, it can precisely measure the leakage current.
- DC Resistance Methods can avoid the influence of contact resistance and remote short-circuit resistance, and make up the bridge method.
- Overload voltage protection
- Sampling part and operation part is connected with fiber optic, no high voltage, safe to operate.
- Friendly HMI, easy to operate.
- Low voltage alarm, and auto shutdown if the voltage is extremely low.
- Small dimension and low weight, portable.

Specification:

- Dimension (mm):

T-H100 Sheath Fault Locator:

275 x255x130

T-H100 Sampling Unit:

275 x255x130

- Weight:
 - T-H100 Sheath Fault Locator:
2kg
 - T-H100 Sampling Unit:
1kg
- Working temperature:
-20 to +50 °C
- Storage temperature:
-40 to +60 °C

Power Cable Sheath Fault Detection:

- Max. measure scope:
10km
- Error:
≤3% of Total length
- Voltage measurement scope:
0~60mV
- Voltage measurement resolution:
10μV
- Accuracy for voltage measurement:
± (0.01U+20)μV
- Current measurement scope:
0~180mA
- Current measurement resolution:
10μA
- Error for current measurement:
1%
- Charger input:
AC 110V to 265V
- Charger output:
DC 8.4V
- Charging current:

Constant current 700mA

- Display:
240x128

Power Cable Leakage Current Measurement:

- Measure scope:
0~30mA
- Measure resolution:
10μA
- Error:
± (0.01I+10) μA

Delivery includes:

- T-H100 Sheath Fault Locator
- T-H100 Sampling Unit
- Carrying Bag
- Charger
- Test Lead
- Optic Fiber
- Manual