



Features

- ✓ Pulse Reflection Method
- ✓ Multiple Impulse Method
- ✓ Impulse Current Method
- ✓ Decay Method
- ✓ Interactive menu-guidance
- ✓ Touch screen and color LCD
- ✓ Measuring range of 0 to 160 km
- ✓ Host and slave USB port for communication and memory.
- ✓ Memory no less than 1000 records

TDR 4000

Cable Fault Pre-Locator

Power Cable Fault Locator is a portable, easy to use cable fault pre-location instrument. It uses the time domain reflection (TDR), multiple impulse method (MIM) and Impulse current method (ICM) on low, medium and high voltage cables. Its measuring ranges enable pre-location on cable lengths from 0 to 160km.

Applications

It is used for pre-location of short circuit, open circuit fault distance in TDR mode and low insulation / high resistance / flashing / intermittent fault in ICM / MIM mode with the help of suitable surge tester in power transmission and distribution network cables.



Technical Details

TDR 4000

Specifications

TDR4000

Maximum measuring range (KM)	160
Prelocation Modes	TDR, ICM, SIM / MIM, Decay
Resolution	0.4m
Sampling Rate	400MHz
Pulse Width	20ns- 10µs
Pulse Amplitude	65V
VOP (V) m / µs	20 - 300
Output Impedance	5 - 100 Ohms
Input signal gain in dB	0 - 100
Display	Colour Tablet - 10 inch - Touch
No of records storage memory	> 1000
Communication interface	USB
Control	Touch
Internal battery	Li-ion - 7.4V/6000 mAh
Battery operation fully charged	8 hrs
Battery charger	110 - 220V AC - 50Hz , 8.4V/2A DC
Auto shut off feature	Available
Temperature	-10°C ± 50°C
Size in mm	270 x 246 x 124
Weight in KG	2.8

Standard Accessories

- Low voltage Impulse (TDR) Testing Cable
- Impulse Current Method (ICM) Testing Cable
- Re-Chargeable battery charger / Adapter
- Software Pen Drive
- Carrying Case
- Instruction / User Manual