



Features

- ✓ Pulse Reflection Method
- ✓ Multiple Impulse Method
- ✓ Impulse Current Method
- ✓ Decay Method
- ✓ Interactive menu-guidance
- ✓ Touch screen and color LCD
- ✓ Measuring range up to 200 km
- ✓ Host and slave USB port for communication and memory.
- ✓ Memory no less than 100 records

TFL 8/ TFL 9 / 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 up to 200km.

The instrument is supplied with a touchscreen display or tablet. It also has rechargeable Li-ion batteries.

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.



TFL 8



TDR 4000

Technical Details
Prelocator Series

Specifications	TFL 8	TFL 9	TDR4000
Maximum measuring range (KM)	100	200	160
Prelocation Modes	TDR, ICM	TDR, ICM, SIM / MIM, Decay	TDR, ICM, SIM / MIM, Decay
Resolution	0.1 m	0.4m	0.4m
Sampling Rate	400MHz	400MHz	400MHz
Pulse Width	20ns- 10µs	20ns- 10µs	20ns- 10µs
Pulse Amplitude	65V	65V	65V
VOP (V) m / µs	100 - 300	90 - 300	20 - 300
Output Impedance	0-70 Ohms	5 - 87 Ohms	5 - 100 Ohms
Input signal gain in dB	0 - 70	0 - 80	0 - 100
Display	Colour LED - 8 inch - Touch	TFT - 8 inch - Touch	Colour Tablet - 10 inch - Touch
No of records storage memory	> 100		> 1000
Communication interface	USB		
Control	Touch as well as rotary encoder		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	274 x 218 x 81	340 x 295 x 252	270 x 246 x 124
Weight in KG	2.6	3	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