

**HICOMP 16****HT Cable Fault Locating System****Reliable and cost-effective instrument for pre-location & pin-pointing cable faults**

HICOMP 16 compact module comprises of minimum configuration of high voltage cable fault locating instruments, mounted on a robust trolley.

The system offers the following:

- ▮ Portable cable fault locator: for pre-location of fault distance using TDR method
- ▮ HV surge tester for pinpoint location of flashover faults
- ▮ Surge Receiver with ground microphone: for pinpointing fault by acoustic method
- ▮ Insulation tester for IR measurement of the cable under test
- ▮ HV, mains supply and earth cable drums
- ▮ Storage cabinet



### Specifications

Measuring range	:	10 Km
Accuracy	:	$\leq \pm 1$ m of range at 1 Km $\leq \pm 0.25\%$ of range at 40 Km
Pulse width	:	120ns ~ 8.5us
Pulse amplitude	:	30V
Matching output impedance	:	33 Ohm
Blind Area	:	$\leq 10$ m
Battery	:	Internal rechargeable Lithium battery provides 5 hours operation
Internal charging voltage	:	Input 230V AC $\pm 10\%$ , 50Hz
Power	:	3.5 W
Environmental temperature	:	-10 ~ +50 deg C
Dimensions	:	330 mm X 305 mm X 152 mm
Weight	:	6 Kg

## High Voltage Surge Tester SWT 16D

**HICOMP 16**



### Specifications

Power Supply	: 230 V AC $\pm$ 10% 50 Hz
Output Ranges	: 0-4, 8, 16kV
Energy Output	: 1000 Joules at each Range
Indication	: Analog Moving Coil Meter for kV Indication
Protection	: 1) Variac Zero inter Lock 2) Out put Plug inter Lock 3) HV Switch inter Lock 4) Over Heat Protection
Impulse sequence	: Single impulse, 1.5, 3, or 6 Second Intervals
Dimensions	: 550 (L) x 315 (W) x 600 (H) mm
Weight	: 70 Kg

## Insulation Tester MEG 1D

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### Specifications

Rated voltage	: 250/500/1000 V
Output voltage	: Rated voltage $\pm$ 10% (Load 20 Mohm)
Measuring range	: 0.1 - 1999 Mohm
Output short circuit current	: $\geq$ 1 mA

## Surge Wave Receiver SLE 90

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### Specifications

Acoustic Channel	: Broad band filter 70 - 3000 Hz.
Magnetic Channel	: 9820 Hz $\pm$ 10 Hz bandwidth filter.
Indication	: Dual LCD bargraph display to indicate the levels of acoustic and magnetic channels and to check battery status.
Grain	: More than 96 dB for both the channels.
Input Impedence	: 500 Ohm for ground microphone.
Output Impedence	: 500 Ohm for headphone.
Current Supply	: 1.5 V X 8 AA size batteries.
Operating Time	: More than 12 hrs.continuous.
Weight	: 1.5 kg. with batteries.
Dimensions (mm)	: 240 (L) x 80 (H) x 190 (D) mm
Operating Temperature	: -10 deg C to 50 deg C
Storage Temperature	: -15 deg C to 55 deg C
Standard accessories	: Ground microphone MIC - S, Headphone AH1

## Cable Drums

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HV Output cable: 10 sq mm co-axial flexible, 30 kV DC  
Mains cable: 1.5 sq. mm 250 V AC, 3 Core PVC Flexible cable  
Earth cable: 10 sq. mm single core PVC Flexible cable  
Note : Cable drums can be supplied as per customer requirement