

S. No.	Specification	Make
1	<p>HV SURGE WAVE TESTER</p> <p>The instrument is for pinpoint location of all types of underground cable faults up to 11kV networks.</p> <p>Technical Data :</p> <ul style="list-style-type: none"> -Surge Voltage Range : 0-4kV, 8kV & 16kV. -Output Capacity : 1000 joules at 0-4kV, 8kV & 16kV. (Basic capacity 500 joules and add on capacitor bank to increase the joules energy up to 1000 joules). -Surge Sequence : 1.5, 3 & 6 secs., single shot. -Power Supply : 230V \pm10% 50Hz, \pm10% -Volt Meters : Output Voltage Indicator -Accessories : 3 mtrs screened HV cable with clamp, -Protection : <p>The surge generator is of continuous rating and provided with output socket interlock, Zero interlock, Over current protection, ON/OFF switch, Thermal over load switching Off. Facility of automatic discharge of capacitors after switching off and in the event of supply failure is incorporated</p>	Meggar/PCI/ Telemetrics
2	<p>Surge Wave Receiver/Pick up Set</p> <p>Surge Wave Receiver, for pinpoint location of cable faults by acoustic method in LT/HT cables. Separate indications, volume/sensitivity controls for magnetic & acoustic signals.</p> <p>Dual Channel LCD display denoting the Signal strength of magnetic & acoustic signal,</p> <p>Technical data:</p> <ul style="list-style-type: none"> -Broad band filter : 70Hz – 3000Hz -Power supply : 8 x 1.5V dry AA size batteries for 12V operation. -Input Impedance : 500 ohms for ground microphone. -Output impedance : 500 ohms for head phones Accessories : a) Ground Micro phone, (b) Spl. Headphones, Magnetic channel : 9820Hz \pm 10Hz bandwidth filter 	Meggar/PCI/ Telemetrics
3	<p>PORTABLE CABLE FAULT PRE-LOCATOR</p> <p>Portable cable fault locator. Very simple to operate. The unit is capable of pre-locating open/short circuit type of faults in Power cables.</p> <p>Technical Data :</p> <ul style="list-style-type: none"> -Mode of operation : Pulse reflection comparison. -Measuring Range : 50m 100m, 200m, 800m, 1.6Kms, 3Kms. & 6 Kms. -Resolution : 20 cm -Measurement mode : Auto or manual -Fault measurement accuracy: \pm 1% \pm 1m. -Sampling Speed : 500 MS/s -Cable Constant (VOP) range : 50 to 300 m/sec. -Display : LCD 320X240 pixel (Back-lit) -Memory : To store 20 wave-forms -Interface : PC via RS 232 serial port. -Power Supply : 7.2V rechargeable battery 2.2AH capacity Ext.battery charger, 230V/400mA. 	Meggar/PCI/ Telemetrics

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4 CABLE ROUTE TRACER

For exact location of underground cable route, depth measurement & ground survey of all types of U/G cables.

The route tracing set consisting of the following units:

a) Audio generator : Power output 1-2-4-8 watts selectable.

O/p freq. : 480Hz, 1.45kHz & 9.82kHz.

Power Supply : 12V 3.2AH rechargeable battery.

b) Audio receiver : Receiving freq. 50Hz, 480Hz, 1.45kHz & 9.82kHz.

Gain : Broad-band 100....7000Hz.

Other accessories :

Search Coil, Transmitter coil, Identification coil, Headphones,
Earth spikes, connection leads & carrying case.

Megger/PCI/
Telemetrics

Blender