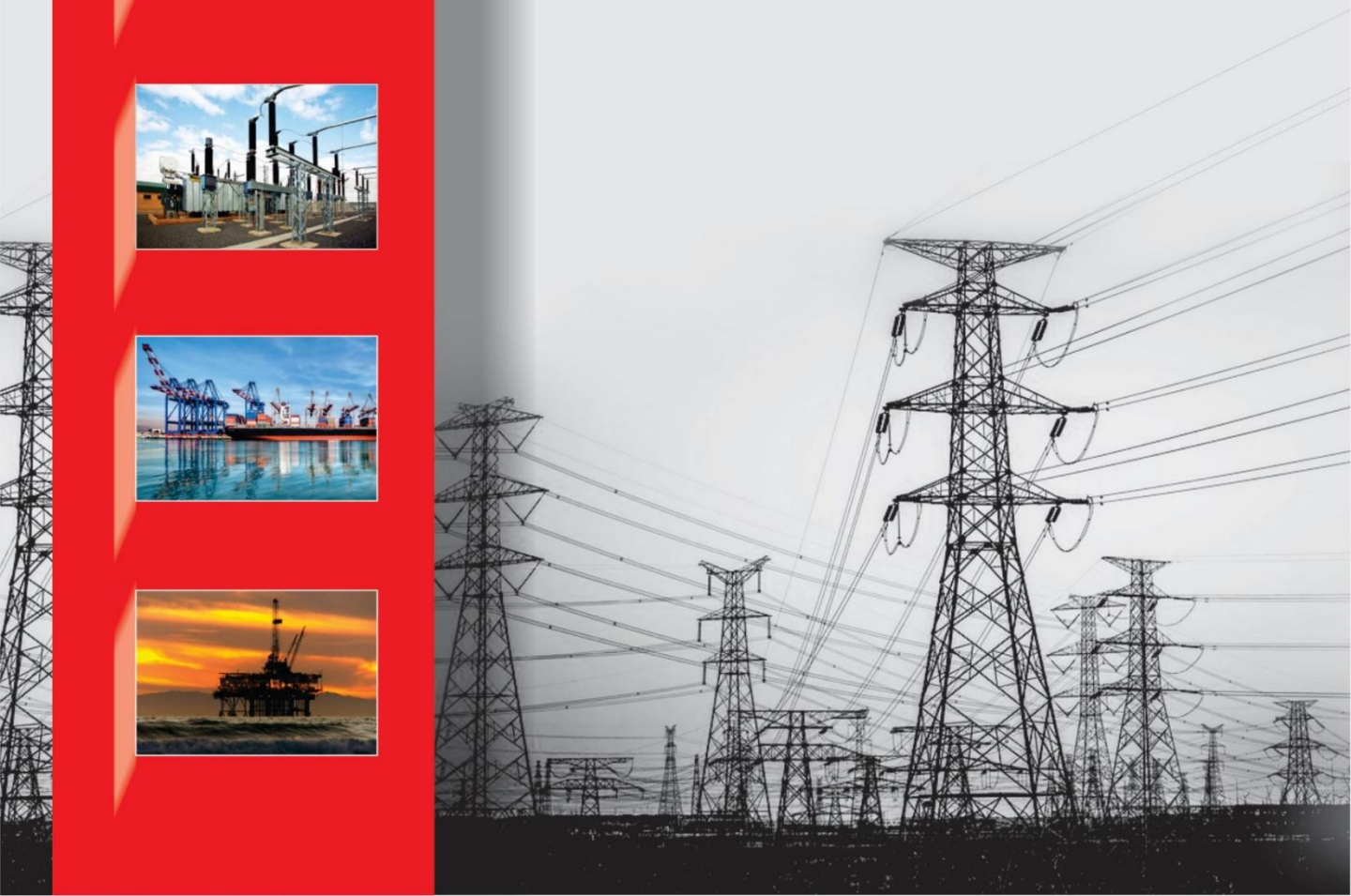
Tycom

Leaders in Test and Measurement Instruments

Cable Testing & Fault Location Catalogue



Insulation Resistance Testers

Model: IRT.1000 Digital GigaOhm Meter

Measuring function:

- Rated voltage (V):100～1000V
- Insulation resistance range:0.06MΩ ～ 50.0GΩ
- Insulation resistance resolution:0.01MΩ
- DC voltage range:2.0～1000V, AC voltage range:2.0～750V）

Model: MS5202 GigaOhm 2,5 kV Insulation Resistance

analog/digital

Measuring function:

- Insulation Measurement; Diagnostic Test (PI, DAR, DD);Step Voltage Test;
- Withstanding Voltage Test (DC) up to 5 kV; Voltage and frequency measurement up to 550 V TRM Insulation resistance up to 15 TΩ; Adjustable test voltage (50 V...5 kV) 50 V and 100 V step; Programmable timer; Capacitance measurement; Charging rate for capacitive load < 1.5 s / µF at 5 kV; Automatic discharge of test object.

Model: IRT.5B Digital TeraOhm Meter 5mA

TOUCH SCREEN

Colour Display

Measuring function:

- High-voltage insulation resistance tester, with 5 range: 500V, 1000V, 2500V, 5000V test up to 10TΩ. Strict accordance with the safety standards for design, Insulation resistance range 10TΩ @ 5 Kv, Short circuit current can be adjusted, maximum 5 mA (Can be ordered as high as 10 ma, short circuit current products).
- Automatic display polarization index (PI), induced electric absorption test values than (DAR), and can test the leakage current and capacitance.

Model: IRT.10B Digital TeraOhm Meter 5mA

TOUCH SCREEN

Colour Display

Measuring function:

- High-voltage insulation resistance tester, with 5 range: 500V, 1000V, 2500V, 5000V, 10000V test up to 20TΩ. Strict accordance with the safety standards for design, Insulation resistance range 20TΩ @ 10 Kv, Short circuit current can be adjusted, maximum 5 mA (Can be ordered as high as 10 ma, short circuit current products).
- Automatic display polarization index (PI), induced electric absorption test values than (DAR), and can test the leakage current and capacitance.

Model: IRT.5A Digital TeraOhm Meter 7mA

TOUCH SCREEN

Colour Display

Measuring function:

- High-voltage insulation resistance tester, with 5 range: 500V, 1000V, 2500V, 5000V test up to 10TΩ. Strict accordance with the safety standards for design, Insulation resistance range 10TΩ @ 5 Kv, Short circuit current can be adjusted, maximum 7 mA (Can be ordered as high as 10 ma, short circuit current products).
- ● Automatic display polarization index (PI), induced electric absorption test values than (DAR), and can test the leakage current and capacitance.

Model: IRT.10A Digital TeraOhm Meter 7mA

TOUCH SCREEN

Colour Display

Measuring function:

- High-voltage insulation resistance tester, with 5 range: 500V, 1000V, 2500V, 5000V, 10000V test up to 20TΩ. Strict accordance with the safety standards for design, Insulation resistance range 20TΩ @ 10 Kv, Short circuit current can be adjusted, maximum 7 mA (Can be ordered as high as 10 ma, short circuit current products).
- ● Automatic display polarization index (PI), induced electric absorption test values than (DAR), and can test the leakage current and capacitance.

Model: IRT.15B Digital TeraOhm Meter 7mA

TOUCH SCREEN

Colour Display

Measuring function:

- Insulation Measurement; Diagnostic Test (PI, DAR); Step Voltage Test
- Withstanding Voltage Test (DC) up to 15kV
- Resistance range up to 30TΩ
- Step-voltage measurements and temperature compensation
- The meter is equipped with a USB interface, through which the saved test data can be uploaded to a PC, data logging up to 100 tests and 10 groups.

Cable and Utility Locators

Model: Pathfinder (10 Watt)

Measuring function:

- The Pathfinder PLS is RYCOM's Precision Locating System for the damage prevention specialist...
- 3D Antenna Array
- Frequency FLEX™
- 10-watt transmitter
- Over 40 standard frequencies
- 4-year warranty with registration

Model: Path Traq

Measuring function:

- PathTraq™ Mobile Application: downloaded to your phone, Rycom's PathTraq™ is a GPS & Data Logger application to provide real-time coordinate logging of field locations.

GPS TECHNOLOGY

Model: Snap Track (3 Watt)

Measuring function:

- The Snap Track Locating System is RYCOM's workhorse for the professional locating industry, 3-watt transmitter, 4" transmitter clamp for live cable tracing available
- Any frequency from 60Hz to 480kHz, Digital depth, Current measurement
- line direction & triangulation

Model: Snap Track (10 Watt)

Measuring function:

- The Snap Track Locating System is RYCOM's workhorse for the professional locating industry, 10-watt transmitter, 4" transmitter clamp for live cable tracing available
- Any frequency from 60Hz to 480kHz, Digital depth, Current measurement
- line direction & triangulation

Model: STICK v3 (3 Watt)

Measuring function:

- The STICK Pathfinder Locating System is RYCOM's low-cost solution with premium performance, 3-watt transmitter, 4" transmitter clamp for live cable tracing Any frequency from 50Hz to 82kHz, Peak mode, Triangulation depth

4 YEAR WARRANTY

RYCOM instruments, inc.

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Cable and Utility Locators

Model: Magnastick MSL

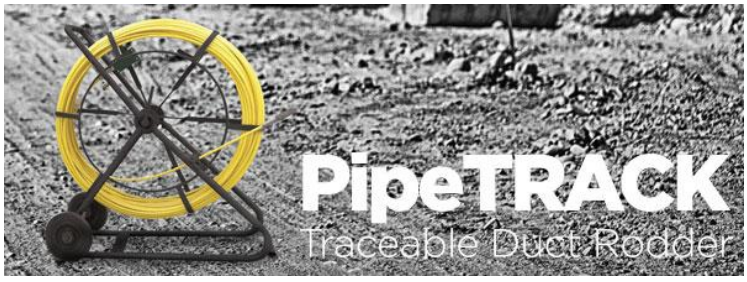
Measuring function:

- The Magnastick MSL Magnetometer seeks ferromagnetic objects by sensing their magnetic fields. Dual sensors detect the magnetic lines of flux naturally present in ferrous (iron) materials and are not affected by non-ferrous materials such as brass, aluminum, or copper.

Model: STAFF Sheath fault locator

Measuring function:

- The STAFF is a simple directional fault-finding system.
- Up to a 2MΩ fault
- Directional guidance to fault
- Fault reference measurement
- 4-year warranty with registration



Model: Pipe Track (Traceable Duct Rod)

Measuring function:

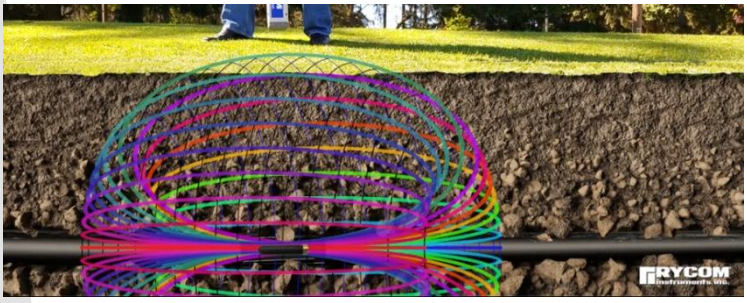
•25-foot range, Exceptional cast iron penetration with a 13-foot signal range, Threaded end caps for attaching to push rods, Rugged design with potted components in an impact resistant compound, Rounded heads and tails prevent hang-ups, Operates over 4 hours on one AA battery, Multiple frequencies designed to work with all common locators

•Transmitter Sonde options available

Model: Clamp Mitter / Wireless Inductive Coupler

Measuring function:

- Stand-alone inductive coupler, Three inductive frequencies, 7 watts and 1 watt of output
- 14 hours of battery life, USB recharging, Hot stick ready
- Weatherproof membrane buttons



Model: Pipe Track (Traceable Duct Rod)

Measuring function:

- Self-contained signal transmitters (Sondes) are used to trace the path of non-metallic pipes and locate line blockages in clay, cast iron and other non-conductive structures. Emitting a signal that is detectable up to 25 feet in the air and 10 feet in cast iron, Rycom Instruments® Sondes provide locators unbeatable range at a low price.

4 YEAR WARRANTY

RYCOM instruments, inc.

ITE®

MADE IN THE USA

Additional Accessories:

Model: 4” Induction Coupler

Measuring function:

- Rycom 4" coupler Multi frequency with 6 Pin DIN connector (8kHz, 118Khz) (Function is to trace live cables)

Model: Flexi Induction Coupler

Measuring function:

- Rycom Flexi-coupler Dual frequency (815 Hz, 82kHz) with 6 Pin DIN Connector (Function is to trace live cables)

Model: Standard Clip R/B Cord

Measuring function:

- Twenty-foot direct connection leads with standard clips. Both the red and black lead are fitted with general purpose 3/4 inch opening clip.

Model: Telecom Clip R/B Cord

Measuring function:

- Ideal for Telcom applications. This twenty foot connection lead includes a Telcom clip with bed of nails and piercing spike on there lead. The black lead is fitted with a general-purpose 3/4 inch clip.

Model: Pipe & Valve R/B Cord

Measuring function:

- Twenty-foot leads offer large clips with a strong grip ideal for connecting to valves and pipes.

Model: Li-Ion Rechargeable System

Measuring function:

- Li-ion packs for both transmitter and receiver offers extended operating time and less weight than the alkaline option. Includes AC charger, 12-volt auxiliary auto outlet charger, charging station and
- li-ion battery packs. D-cell and C-cell trays included for conversion if desired.

Model: Soft-Sided H.D. Foam Case

Measuring function:

- Weather resistant, protective case with fitted high / density foam and ballistic nylon fabric.

Model: Hard Carry Case

Measuring function:

- Weatherproof, protective hard case with fitted high-density foam.

2 YEAR WARRANTY

RYCOM instruments, inc.

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Cable Identification and Spiking

Model: ID.550 Cable identification kit

Measuring function:

- Live cable identification instrument, also known as cable identification instrument, multi-function cable identification instrument, and intelligent cable identification instrument, is designed for power cable engineers and cable workers to solve the technical problems of cable identification.
- The user can accurately identify one of the target cables from the multiple cables through the instrument, so as to avoid accidentally sawing the live cables and causing serious accidents. The cable identification starts from the operation at both ends of the cable.
- The double numbering at both ends of the cable must be ensured to be accurate. This instrument is designed with PSK technology combined with precise algorithms. No matter how reliable the memory of on-site staff is, it cannot

Model: ID.750LTD Cable identification kit

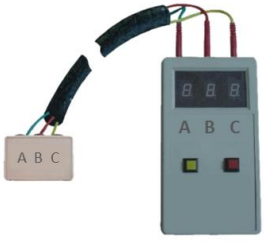
Measuring function:

ECI Set:

- Identifying a certain cable correctly from a bunch of cables is a common tech question. Cable identifying will avoid severe
- damage resulting from cutting through the incorrect cable. The kit consists of a TX transmitter which has a pulse peak of up to 180A & RX Receiver with a 150mm flex clamp for decoupling the identification signal. ECI is applicable for identifying low voltage live cables for 220V/380V systems and the identification of low voltage section.
- Perfect for a Positive identification every time for maximum safety.
- Operation time of over 60 hours of continuous use.

HCI Set:

- The HCI TX has an internally powered generator which is designed for the selection of de-energized cables. The HCI TX generates active impulses up to 300 A peak. The pulse feeds via direct connection or with. The operating time of up to 6 hours of continuous use.



Model: PID.330 Cable Phase Identification kit

Measuring function:

- The power cable phase identification uses the phase principle to measure the phase sequence of the power cable.
- The cable is sampled by the phase detector and tested via the host.
- The test result is displayed by a three-digit digital tube.
- Overcome the difficult problem of line length test.

Model: HST.200 Manual Hydraulic Spiking Tool

NO LICENCE REQUIRED

Measuring function:

- ITE Hydraulic Manual Cable Spiking Tool: Complete with Spiking tool head, Cone Chisel's, 10M Hydraulic insulated hose with fittings, Hydraulic hand pump HHP-700 / 700bar complete with industrial hard carry case. (Suitable for up to 132mm diameter armoured cables) (Cable cutting heads optional)

Model: CST.200 Remote Cable Spiking Gun

NO LICENCE REQUIRED

Measuring function:

- ITE Automatic Cable Spiking Gun: Complete with 2 x Spiking tool heads, 50x Spikes, 50 Level 5 cartridges, Battery controlled firing, WIRELESS remote activation complete with industrial hard carry case. (Suitable for up to 132mm diameter armoured cables)

Cable Testing & Fault Location

Model: TDR.650 Time domain reflectometer 0-8km range

Measuring function:

- Range:0-8km, Resolution:max.1m, Unipolarity pulse, Impulse amplitude: unipolarity impulse 30V, Ambipolar impulse ±30V, Impulse width:80ns-10μs, adjustable, Measurement dead zone:1m, Adjustable wave velocity :100-300m/μs, variable-gain range:0-80db, Display:128*64 dot LCD, Power:5pcs AA nickel hydrogen batteries, Dimension:225mmx105mmx50mm, Weight:0.5kg

Model: TDR.750A Time domain reflectometer 0-65km range

Measuring function:

- Locating methods: *Low voltage impulse method, *Impulse current method, *Optional multiple impulse method, Sampling frequency: 80MHz, Gain range: 0-70dB, Low voltage impulse voltage: 100V, Max resolution: 0.5m, Locating range: 65km, Dead zone: 2m, Battery: L-ion battery rechargeable batteries,7.4 V, endurance time over 7 hours
- Communication interface: USB.
- This cable fault tester is a special instrument for measuring and analyzing the status and fault distance of power cables. This cable fault tester uses a combination of modern electronic technology and computer technology to achieve signal filtering, acquisition, data processing, graphic display, and graphic analysis. Cable speed measurement, cable length test, cable fault distance test.
- This cable fault tester is suitable for low-resistance, short-circuit, open-circuit and disconnection faults of power cables, high-frequency coaxial cables, street light cables, and buried wires made of various materials with different cross-sections and media, as well as high-resistance leakage and high-resistance flashover.

Model: TDR.850A Time domain reflectometer 0-120km range

Measuring function:

- Locating methods: *Low voltage impulse method, *Impulse current method, *Optional multiple impulse method (ARC Reflection), Sampling frequency: 400MHz, Gain range: 0-70dB, Low voltage impulse voltage: 300V, Max resolution: 0.5m, Locating range: 120km, Dead zone: 2m, Battery: L-ion battery rechargeable batteries,7.4 V, endurance time over 7 hours
- Communication interface: USB
- This cable fault tester is a special instrument for measuring and analyzing the status and fault distance of power cables. This cable fault tester uses a combination of modern electronic technology and computer technology to achieve signal filtering, acquisition, data processing, graphic display, and graphic analysis. Cable speed measurement, cable length test, cable fault distance test.
- This cable fault tester is suitable for low-resistance, short-circuit, open-circuit and disconnection faults of power cables, high-frequency coaxial cables, street light cables, and buried wires made of various materials with different cross-sections and media, as well as high-resistance leakage and high-resistance flashover.

Model: TDR.950A Time domain reflectometer 0-120km range

Measuring function:

- Locating methods: *Low voltage impulse method, *Impulse current method, ARC Reflection / multiple impulse method filter included, Sampling frequency: 400MHz, Gain range: 0-70dB, Low voltage impulse voltage: 300V, Max resolution: 0.5m, Locating range: 120km, Dead zone: 2m, Battery: L-ion battery rechargeable batteries,7.4 V, endurance time over 7 hours
- Communication interface: USB
- ARM Arc reflection coupler included
- TDR.950A: ARC cable fault pre locator uses an industrial-grade 10.1-inch touch screen and a simple Windows operating system. It adopts industrial-grade integrated circuits and devices and has a built-in large-capacity lithium-ion battery. It is a special instrument for measuring and analyzing the status and fault distance of power cables. It is stable, reliable and easy to use.
- It uses a combination of modern electronic technology and computer technology to implement signal filtering, acquisition, data processing, graphic display, and graphic analysis to complete cable speed measurement, cable length testing, and cable fault distance testing.
- It is suitable for low-resistance, short-circuit, open-circuit and disconnection faults of power cables, high-frequency coaxial cables, street light cables, and buried wires made of various materials with different cross-sections and media, as well as high-resistance leakage and high-resistance flash over.

Cable Testing & Fault Location

Model: SG5.500 Portable Cable fault system

Measuring function:

- Max power energy 500J
- Energy-storage capacitor: 10μF
- Power: AC 220V.50Hz
- Volume: 400mm×460mm×300mm
- Weight: 22 kgs
- Output surge voltage: 0～5KV, Continuously variable, Pulse timer

Model: SG5.500 SMT Portable Cable fault system

Measuring function:

- Output surge voltage: 0～5KV, Continuously variable, Pulse timer
- TDR with ICM 65km Range included
- Max power energy 500J
- Energy-storage capacitor: 10μF
- Power: AC 220V.50Hz
- Volume: 400mm×460mm×300mm, Weight: 25 kgs

Model: SG12.800 Portable Cable fault system

Measuring function:

- Output surge voltage: 0～12KV, Continuously variable, Pulse timer
- Max power energy 800J
- Energy-storage capacitor: 10μF
- Power: AC 220V.50Hz
- Volume: 400mm×460mm×300mm
- Weight: 22 kgs

Model: SG12.500 SMT Portable Cable fault system

Measuring function:

- Output surge voltage: 0～12KV, Continuously variable, Pulse timer
- TDR with ICM 65km Range included
- Max power energy 800J
- Energy-storage capacitor: 10μF
- Power: AC 220V.50Hz
- Volume: 400mm×460mm×300mm,
- Weight: 25 kgs

Model: SG16.900 Portable Cable fault system

Measuring function:

- Output surge voltage: 0～16kV, Continuously variable, Pulse timer
- Max power energy 900J
- Energy-storage capacitor: 10μF
- Power: AC 220V.50Hz
- Volume: 400mm×460mm×300mm
- Weight: 26 kgs

Model: SG32.1000 Portable Cable fault system

Measuring function:

- Output surge voltage: 0～32KV, Continuously variable, Pulse timer
- Max power energy 1225J
- Energy-storage capacitor: 2μF
- Power: AC 220V.50Hz
- Volume: 400mm×460mm×300mm
- Weight: 32 kgs

Cable Testing & Fault Location

Model: SG16.1000ST Portable Cable fault system

Measuring function:

- Output surge voltage: 0～16KV, Continuously variable, pulse timer
- Max power energy 1024J
- Energy-storage capacitor: 128μF/4kV、32μF/8kV、8μF/16kV
- Pressure test function
- Power: AC 220V.50Hz
- ARC/MIM filter optional, ICM standard
- Volume: 400mm×460mm×300mm, Weight: 90 kg

Model: SG32.1000T Portable Cable fault system

Measuring function:

- Output surge voltage: 0～32KV, Continuously variable, pulse timer
- Max power energy 1024J
- Pressure test function
- Power: AC 220V.50Hz
- ARC/MIM filter optional, ICM standard
- Volume: 400mm×460mm×300mm, Weight: 80 kg

Model: SG32.1000TR Portable Cable fault system

Measuring function:

- Output surge voltage: 0～32KV, Continuously variable
- Max power energy 1225J
- Energy-storage capacitor: 2μF/32kV、4μF/16kV
- Pressure test function
- Power: AC 220V.50Hz
- ARC/MIM filter optional, ICM standard
- Volume: 400mm×460mm×300mm, Weight: 80 kgs

Model: SG32.1000SMT Portable Cable fault system

Measuring function:

- Max power energy 1225J
- TDR Range 30km built in, ARC/MIM filter optional, ICM standard
- Energy-storage capacitor: 4μF/32kV、16μF/16kV、64μF/8kV
- Cable path identification included Transmitter & Probe
- Pressure test function
- Power: AC 220V.50Hz
- Volume: 400mm×460mm×300mm, Weight: 90 kgs
- Output surge voltage: 0～32KV, Continuously variable

Model: SG32.1000ST Portable Cable fault system

Measuring function:

- Output surge voltage: 0～32KV, Continuously variable, pulse timer
- Max power energy 1024J
- Energy-storage capacitor: 4μF/32kV、16μF/16kV、64μF/8kV
- Pressure test function
- Power: AC 220V.50Hz
- ARC/MIM filter optional, ICM standard
- Volume: 400mm×460mm×300mm, Weight: 90 kgs

Model: SG32.2000ST Portable Cable fault system

Measuring function:

- Output surge voltage: 0～32KV, Continuously variable, pulse timer
- Max power energy 2048J
- Energy-storage capacitor: 4μF/32kV、16μF/16kV、64μF/8kV
- Pressure test function
- Power: AC 220V.50Hz
- ARC/MIM filter optional, ICM standard
- Volume: 400mm×460mm×300mm, Weight: 90 kgs

Cable Testing & Fault Location

Model: SG32.3000ST Portable Cable fault system

Measuring function:

- Output surge voltage: 0～32KV, Continuously variable, pulse timer
- Max power energy 3048J
- Energy-storage capacitor: 6μF/32kV、48μF/16kV、96μF/8kV
- Pressure test function
- Power: AC 220V.50Hz
- ARC/MIM filter optional, ICM standard
- Volume: 400mm×460mm×300mm, Weight: 140 kgs

Model: SG32.4000ST Portable Cable fault system

Measuring function:

- Output surge voltage: 0～32KV, Continuously variable, pulse timer
- Max power energy 4096J
- Energy-storage capacitor: 8μF/32kV、64μF/16kV、128μF/8kV
- Pressure test function
- Power: AC 220V.50Hz
- ARC/MIM filter optional, ICM standard
- Volume: 400mm×460mm×300mm, Weight: 150 kgs

Model: SG32.1000SMT Portable Cable Fault location system

Measuring function:

touch

Colour Display

- Portable outdoor ready unit with four wheels, IP43
- Very easy to use “turn & click” single rotary knob interface
- Surge/Thump energy 1024 Joule
- DC testing/surging/thumping up to 32 kV, burning up to 32 kV
- Working power 2000VA
- Pre-location methods: ARC Multi shot, ICE and DECAY, low voltage pulse
- Built-in safety circuits for earth connection monitoring (F-Ohm) and touch potential monitoring (F-Voltage)

Model: SG32.2000SMT Portable Cable Fault location system

Measuring function:

touch

Colour Display

- Portable outdoor ready unit with four wheels, IP43
- Very easy to use “turn & click” single rotary knob interface
- Surge/Thump energy 2,048 Joule
- DC testing/surging/thumping up to 32 kV, burning up to 32 kV
- Working power 2000VA
- Pre-location methods: ARC Multi shot, ICE and DECAY, low voltage pulse
- Built-in safety circuits for earth connection monitoring (F-Ohm) and touch potential monitoring (F-Voltage)

Cable Testing & Fault Location

Model: CFL.2000ST Vehicle Mountable Cable Fault System

Measuring function:

- Surge Generator 0-32kV / 2048 Joules surge energy, TDR Time Domain Reflectometry ARC reflection method and Impulse Current Method (120 km range), Acoustic ground fault pin-pointing (with the GM. Series universal receiver and accessories set), Burndown function 60kV / DC Withstand voltage testing 0-32 kV / 0-20A, Continuous output current 60mA, Cable path indicator 10W / 150V, Cable identification with Step Voltage, Sheath Fault Location 10kV / 200mA, Cable Spiking function, 80kV VLF Testing function, Di-electric Loss Measurement, Capacitance Measurement, Insulation Resistance Testing 5000V / 5mA.

Model: GM.1000 Digital Power Cable Fault Pin pointer

Measuring function:

- Acoustic-magnetic synchronization fixed-point function, Acoustic-magnetic synchronization background noise reduction mode BNR, The sound signal strength bar graph indicates, and the sound trigger threshold is adjustable, The electromagnetic signal strength bar graph indicates, the magnetic field trigger threshold is adjustable, and the magnetic field trigger prompt function is provided, Acoustic-magnetic time difference positioning mode: waveform display, acoustic-magnetic time difference display, Path auxiliary test: The direction of the path can be indicated by the icon on the left and right of the cable, Power supply Battery: Built-in lithium-ion battery pack, voltage 8.4V, capacity 4.4Ah, Use time: continuous use time> 8 hours;

Model: GM.2000 Advanced Power Cable Fault Pin pointer

Measuring function:

- Acoustic-magnetic synchronization fixed-point function, Acoustic-magnetic synchronization background noise reduction mode BNR, The sound signal strength bar graph indicates, and the sound trigger threshold is adjustable, The electromagnetic signal strength bar graph indicates, the magnetic field trigger threshold is adjustable, and the magnetic field trigger prompt function is provided, Acoustic-magnetic time difference positioning mode: waveform display, acoustic-magnetic time difference display, Path auxiliary test: The direction of the path can be indicated by the icon on the left and right of the cable, Power supply Battery: Built-in lithium-ion battery pack, voltage 8.4V, capacity 4.4Ah, Use time: continuous use time> 8 hours; A frame sheath fault pinpointing method

Model: GM.700 Analogue Power Cable Fault Pin pointer

Measuring function:

- Detection: vibration waves, sound waves, magnetic waves
- Magnification: 500,000 times
- Detection depth: more than 10 meters
- Positioning accuracy: ±0.2m
- Working power: two standard 9V batteries
- Current: <10mA, continuous work more than 20 hours

Model: SMT Series VLF AC/DC Tester with Optional Tan Delta

Measuring function:

- Withstand voltage test is an essential preventive test for electrical equipment.
- It is divided into two parts: AC and DC withstand voltage test. AC test can be further divided into power frequency, variable frequency and 0.1Hz very low frequency test, among which the last one is highly recommended by IEC, due to its remarkable advantages, VLF testing is the substitute for power frequency test.
- It is suitable for testing electrical equipment with large capacitance (like power cable, power capacitor, motor, and generator).
- 30kV – 80kV options available.

Model: SMT Series VLF AC/DC Tester with Optional Tan Delta

Measuring function:

- Withstand voltage test is an essential preventive test for electrical equipment.
- It is divided into two parts: AC and DC withstand voltage test. AC test can be further divided into power frequency, variable frequency and 0.1Hz very low frequency test, among which the last one is highly recommended by IEC, due to its remarkable advantages, VLF testing is the substitute for power frequency test with Tan Delta testing module included, It is suitable for testing electrical equipment with large capacitance (like power cable, power capacitor, motor, and generator).
- 30kV – 80kV options available.

Cable Testing & Fault Location

Colour Display

touch

Model: Very Low Frequency Tester (30 - 90kV models with AC, AC/DC & AC/DC with Tan Delta options)

Measuring function:

- Data of current and voltage are obtained directly through the sampling of high-pressure side.
- Over-voltage protection: shut down protection operates within 20 ms. when the output voltage exceeds limits.
- Over-current protection: dual protection of high and low voltage, downtime protection can be accurately set on high-pressure side and shut down protection operates within 20ms when the current of the low-voltage side exceeds current limits.
- The settings allow you to regulate the frequency which can be adjusted to the following output frequency to 0.1,0.05 and 0.02HZ
- Split system with separate transformer for easier transport

Model: BDT.500 Burn Down / Withstand Voltage Tester

Measuring function:

• Work mode	Continuous
• Burn through power	2000W
• Output voltage	0 - 60KV Adjustable
• Max current	600mA
• Test accuracy of voltage and current	1.5%
• Size	30cm×46cm×50cm
• Weight	29kg.

Model: SF10.200 Sheath Fault Pinpoint Locator

Measuring function:

- Output voltage：0～10kV（Square wave) / Output current：200mA / Output capacity：2kVA
- Frequency adjust:Min:0.4Hz,Max:1Hz(range adjustable) Power：220V（1±10%），50Hz（1±5%)
- Voltage adjustable. Frequency adjustable. Over current protection. Pin-pointing and withstand testing switched by one button ,non blind area. the receiver sensitivity can be adjusted. Signal frequency adjustable, and zero protection. The test range without blind area The receiver sensitivity is adjustable Signal frequency is adjustable.

Model: AC/DC Hipot (Oil & Dry Type) 25-300kV options

Measuring function:

- Hipot Tester is applied in power system for insulation test of high voltage equipment. The typical application of the HIPOT tester is as follow: 1) Power Transformer AC high voltage withstand test 2) Circuit Breaker AC high voltage withstand test 3) High voltage motors high voltage withstand test 4) Voltage/current transformer high voltage withstand test 5) High voltage power source for calibration of high voltage meter

Model: Custom Cable Testing Vehicle Installation

Measuring function options:

- Surge Pulse Generator various options available up to 35kV, Sheath Fault Location up to 10kV, Cable Burn Down Equipment up to 60kV, TDR Scope meters for Pre-Location 0-120km Range, Ground Microphone for Pinpointing Faults, Analogue and Advanced Digital Systems
- Cable Route Tracing, GPS Mapping model, Sheath fault location A-Frames & Inductive Clamps
- Insulation Resistance Testing 1 – 20kV Analogue or Digital options, AC & DC tests 25 – 300kV options, VLF tests 30-90kV options (Tan Delta module available), Cable Identification Systems, Cable spiking and cutting Solutions, 3&4 Reel HT Rack with custom test lead lengths up to 30m, 3kW or 5kW inverter with battery bank power supply, Accessories such as Measuring wheel, Discharge Rods, Earthing spikes & fire extinguishers.

Model: Custom Cable Testing Trailer Installation

Measuring function options:

- Surge Pulse Generator various options available up to 35kV, Sheath Fault Location up to 10kV, Cable Burn Down Equipment up to 60kV, TDR Scope meters for Pre-Location 0-120km Range, Ground Microphone for Pinpointing Faults, Analogue and Advanced Digital Systems
- Cable Route Tracing, GPS Mapping model, Sheath fault location A-Frames & Inductive Clamps
- Insulation Resistance Testing 1 – 20kV Analogue or Digital options, AC & DC tests 25 – 300kV options, VLF tests 30-90kV options (Tan Delta module available), Cable Identification Systems, Cable spiking and cutting Solutions, 3&4 Reel HT Rack with custom test lead lengths up to 30m, 3kW or 5kW inverter with battery bank power supply, Accessories such as Measuring wheel, Discharge Rods, Earthing spikes & fire extinguishers.
- Testing Trailers available with heavy duty axel, braked available with off road tire's ideal for commercial use.









Thank you for your interest in our Products

Please note that all Order's shall have an applicable lead time which is generally 3-5 Weeks should there not be stock available in Country at the time of your order.

All small to medium size order are shipped via air freight and larger bulk shipments via sea freight, lead times will be confirmed on your quotation for bulk orders.

Contact Us

Please feel free to contact us.

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