







Fully Automatic Capacitance and Tan Delta

Application

- Power Systems
- HT / LT transformers
- Bushings
- Motors
- Generators
- HT / LT Capacitors

Features

- Automated Measurements of Capacitance and Tan Delta.
- Laptop based test operations.
- Temperature Correction for Tan Delta values at 20 Deg C
- Robust, reliable and safe construction.
- Different voltage levels of models available as per the need of customer 5KV, 12KV, 15KV, etc.



Semi-Automatic Capacitance and Tan Delta

Application

- Power transformers
- Distribution
- Transformers
- Current transformer
- Bushing
- Power capacitors

Features

- Manual Balancing
- Built-in 20 X 4 LCD to display Capacitance, Tan Delta, Voltage, Current, Test Mode, Correction Temperatur
- Indicator HT ON/OFF, All safety interlock incorporated
- Zero start, Double ground, HT chamber interlock.
- Robust, reliable and safe construction.
- Different voltage levels of models available as per the need of customer 5KV, 12KV, 15KV, etc.



Automatic Oil BDV

Application

- Power transformers
- Distribution
- Transformers
- Current transformer Bushing
 - Power capacitors

Features

- Available in all version Manual / Motorized /Microprocessor controlled Fully Automatic Models
- Easy operation
- Suitable for all standards
- Built-in printer
- Indicator HT ON/OFF, All safety interlock incorporated



Automatic and Manual Oil Tan Delta

Application

- Insulation Oil
- Petroleum Jelly
- Liquid / Semi Liquid insulations

Features

 Measurement oil parameters Tan Delta, Volume Resistivity & Dielectric Constant

• Measurement oil parametes Ratio, Excitation Current and Ratio Error

• Measurement as per IS 6262



Conductivity Meter for Metal

Application

- Raw material testing
- Segregation of mixed lot of non-ferrous metals
- Metal Quality testing

Features

- IACS% Direct Digital Reading
- Portable and Compact Design
- Battery Operated / Built-In charger
- Eddy current principle



Transformer Ratio Meter HT and LT Excitation



For Distribution Transformer

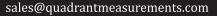
• True 4 terminal measurement.

- True 4 terminal measurement.
- Resolution of 0.001 in the range 10

Automatic operation, No balancing is required
20 X 4 LCD Display / 3½ digit LED display

Fully protected against any wrong connections.

Single Phase / Three phase model









Application

- Power Systems
- Transmission /
- Distribution companies
- High Voltage Laboratories
- Educational Institutes

Features

- Customization as per customer's requirements.
- Built in Digital Timer for measuring tripping time
- Designed to offer continuously variable output current
- Single compact unit equipment for easy operation
- Adequate MCB protection from overloads
- Current range from 100A to 3000A.



Secondary Injection Test Kit (Relay Test Kit)

Application

- Circuit Breakers
- Protective Devices
- Relays
- Overload Coils
- MCB
- Education Institutes

Features

- Continuously adjustable outputs up 200Amp
- **Portable Models**
- Digital Ammeter, Voltmeter and time interval meter (Unitimer)
- UniTimer automatically puts OFF the output, when timer reaches to its maximum value of the selected range
- Wide range of measurement, i.e. From 0. 001 second. To 9999 secs in four ranges



Transformer Winding Resistance Meter

Application

- Transformer Winding
- Reactor
- Motor
- **Inductive Coils**
- Cables, Conductors
- **Educational Institutes**

Features

- True Four Terminal Measurement
- Regulated and Highly stable 1/10 Amp Current Source
- Singel/Dual Chanel Measurement, 20 X 4 LCD / 4 ½ Digital LED Display
- 0.1uOhm resolution on 2mOhm range, Temperature Measurement
- Protection against back EMF for high inductive loads
- Download via RS-232 / USB port with Software



Micro Ohm Meter 1Amp /10Amp

- Distribution Transformer
- Motor /Coils
- Power /Communication cables
- Component Manufacturer
- Test Laboratories
- Education Institutes

Features

- True Four Terminal Measurement
- Regulated and Highly stable 1/10 Amp Current Source
- 20 X 4 LCD / 4 ½ Digital LED Display
- 0.1uOhm resolution on 2mOhm range, Temperature Measurement
- Protection against back EMF for high inductive loads
- Download via RS-232 / USB port with Software



Contact Resistance Meter

Application

- Circuit Breaker
- Isolators/Busbar
- CT Manufacturer
- Cables and Joints
- **Educational Institutes** Shunts

Features

- True Four Terminal Measurement
- 100 Amp DC Current Source
- 3.5 Digit LCD display
- 0.1uOhm resolution
- Fast Response time
- Stable and fast measurement



Circuit Breaker Timer



Features

- User selectable 3 / 4 pole measurement
- Compact and light weight instrument
- 0 to 9999.9mSec
- small portable, light weight constructed in suitcase for field use.
- Resolution: 0.1ms
- In-built memory to store 200 test reading (QCBT-2)
- Data available via RS-232 / USB port (QCBT-2)
- In-built Printer (QCBT-2)





Cable Fault Locator, Pin Pointer

Application

- To Locate faults in underground power cables
- Cable route tracing

Features

- Portable, mounted on casters, easy to carry and use on the field
- Various Models available for location faults in underground LT/HT power cables
- Manual and Auto operation of Impulse discharge
- Capacity enhancement possible
- Current coupler to facilitate preallocation.
- Voltage level of 4Kv, 8Kv, 16Kv and 32Kv Models



High Voltage Tester

Application

- to test voltage withstand value insulation of
- Power cables
- Insulators
- Capacitors
- Transformers

Features

- Portable, mounted on casters, easy to carry and use on the field
 Various Models available as per application and voltage levels up 100KV
- Automatic Model up 10KV available
- All safety features incorporated, Zero start, Double Ground,
- Fast overload tripping
- Built-in Timer



Million MegOhm Meter

Application

- Insulation Cables
- Power / Communication cables
- Transformer / Motor Electrical Testing lab Component Manufacturer

Features

- Wide range of Measurement
 Ultra stabilized power supply (0.001% short term drift)
- Push button controls for rapid testing Separate Guard terminal Suitable for Ungrounded & Grounded objects





Substation Testing Services / Embeded Solution services

Diagnostic Test Services for Utility and Railway Substation

We provide following substation services

- Capacitance and Tan Delta test set
- Insulation Resistance test
- Transformer Ratio / Resistance Test set
- Sweep Frequency Response Analysis
- Earth Resistance Measurement
- Circuit Breaker time measurement
- Contact Resistance Measurement ,Etc

Automation / Embed Programing

- Embedded systems are a cornerstone of the electronics industry today.
- Automation Modules
- System Integration
- Project Design

IR Standrd (5KV/10KV)

Turns Ratio Meter Standard HV Probe Tan Delta Standard

DC Auxiliary Power Supply













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