

# ELECTRO Machines Industry

Is one of the prominent Manufacturers, Exporters and Suppliers of Industrial Testing Equipments such as Elongation Tester, Surface & Volume Resistivity Tester, Tracking Index Tester, Unidirectional Scraping Tester, Glow Wire Tester, Cut-Through Temperature Tester & many more. We have been in the industry for many years and have become one of the most trusted names in the market. We supply our products all over the nation. Our products are high in quality and durable which gifts them long life.

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Based in Maharashtra, Electro Machines Industry was established in the year 1997. Since inception we have been thriving under the leadership of Mr. Shrikant Daithankar (Proprietor) and made a niche for ourselves.

### INFRASTRUCTURE

Our facility is equipped with state of art machines that are capable of production in large numbers. Our facility is segregated in various departments including production unit, finance department, marketing department, human resource, quality control unit and many other.

### OUR TEAM

We have hired professional who have expertise in the field. Our team members have vast experience and knowledge in their respective fields. They work diligently to uphold the name of the company. It is through their effort that our company has reached its status.

### WHY US?

Apart from being renowned manufacturer and Supplier of Industrial Testing Equipments mentioned below are some of our other attributes that make us the best in the market :

- High standard
- Experience team
- Wide range of products
- Affordable prices
- Customized orders



**Name of Proprietor**  
Mr. Shrikant Daithankar



**Nature of Business**  
Manufacturer, Exporter & Supplier



**Market Covered**  
Worldwide



## Elongation Tester



Elongation Tester is ideally used for determining the level of annealing of the wire under test. The fixed length of wire is tied between the two ends and the wire is elongated at the specified rate. The instrument stops automatically when the break in the wire occurs. The percentage elongation is recorded on the LCD screen of the instrument. When started after failure the instrument returns to its initial position and need no additional controls. We are one of the leading Manufacturers, Exporters and Suppliers of Elongation Tester from Maharashtra, India. The Elongation Tester that we provide is manufactured in compliance with Indian and IEC standards. Our Elongation Tester is manufactured using high grade material and is known for its excellent performance.

## Arc Resistance Meter



This method of test is intended to differentiate, in a preliminary way, among the similar materials with respect to their action of high voltage, low current arc, close to the surface of insulation, intending to form a conducting path therein causing the material to become conducting decomposition and erosion. In order to distinguish more easily among materials which by this test, have low arc resistance, the early stages of the test are mild and latter stages are successively more severe. The arc occurs intermittently between two electrodes resting on the surface of the specimen in regular orientation: the severity is increased in early stages by successively decreasing to zero the interval between flashes of uniform duration and the latter stages by increasing the arc current.

### Surface and Volume Resistivity Tester

<b>Condition</b>	:	New
<b>Frequency</b>	:	0-50Hz
<b>Features</b>	:	Accuracy, Easy To Use, Electrical Porcelain, Four Times Stronger, Proper Working, Sturdy Construction, Superior Finish, Water Proof
<b>Warranty</b>	:	5yrs
<b>Temperature</b>	:	High Temperature
<b>Puncture Voltage</b>	:	0-50Kw



**Surface and Volume Resistivity Tester** helps in determining the resistance of the insulator against current leakage through its body as well as along its surface. We are a well-known Manufacturer, Exporter and Supplier of Surface and Volume Resistivity Tester from Maharashtra, India. The Surface and Volume Resistivity Tester that we offer is manufactured in accordance with Indian Standards (IS) as well as the IEC standards.

### Tracking Index Tester

**Tracking Index Tester** :This method of test is intended to find the relative resistance of solid insulating materials to tracking for voltages up to 1200 Volts when the surface is exposed under electric stress to electrolyte. This method of test is intended to find the relative resistance of solid insulating materials to tracking for voltages up to 1200 Volts when the surface is exposed under electric stress to electrolyte. Tracking may occur during this test when voltage is applied between a defined electrode arrangement on the surface of a material and drops of electrolyte are applied between them at defined intervals of time.



#### DETAILS :

- The number of drops needed to cause failure increases with reduction of applied voltage and below a critical value, tracking ceases to occur. Tracking may occur during this test when voltage is applied between a defined electrode arrangement on the surface of a material and drops of electrolyte are applied between them at defined intervals of time. The number of drops needed to cause failure increases with reduction of applied voltage and below a critical value, tracking ceases to occur. is ideally used in determining the tracking indices for the insulation material that are used in different electrical components.
- The name of our company surfaces prominently among the trusted Manufacturers, Exporters and Suppliers of Tracking Index Tester from Maharashtra, India. The Tracking Index Tester that we offer is manufactured as per the IS and IES 60112 standards.

### Unidirectional Scraping Tester

Unidirectional Scraping Tester is ideal testing equipment for product quality supervision, magnet wire manufacturers and inspection industries. This test of the enameled wire is basically meant for the evaluation of the one of the mechanical properties of the enamel, viz. the mechanical strength. As everybody knows, while inserting the wire coils into the slots, whether manually or by an automatic machine, the wire gets in contact with the lamination which is having the sharp edges created during the punching or shearing operations. The enamel film should have sufficient strength to withstand successfully this type of treatment. This test gives two vital results about the enamel film.

#### DETAILS :

- One, the strength of the enamel film in terms of the grams to fail and the second, the ovality, or the out of roundness of the enamel film. Sometimes, wire enamel may have a good strength, but the application onto the wire surface or the processing during the manufacturing may be defective. If there be such a case, that will be detected in this test. We share glorious credentials in the list of top Manufacturers, Exporters and Suppliers of Unidirectional Scraping Tester from Maharashtra, India. The Unidirectional Scraping Tester that we offer is manufactured in compliance with the IS and IEC standards.



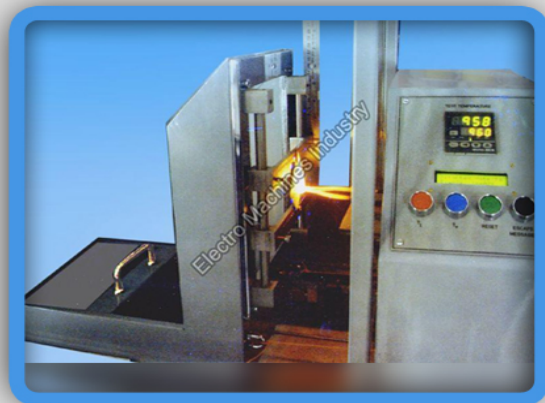
### Glow Wire Tester

Glow Wire Tester There are circumstances when the fire is started from the electric apparatus and /or from electric installation. This test simulates the conditions which lead to the fire hazard from a particular electro technical product. From the safety point of view, the parts of a electro technical product, which may be exposed to the excessive thermal stress, due to electric effects and the deterioration of the same must not be unduly affected by heat and fire generated within the equipment.

#### DETAILS :

- Under certain conditions like overloading, wrong connections, short circuit etc., certain elements may reach a temperature, such that they can ignite the parts in their vicinity. Insulating material or any solid combustible material from the apparatus which may propagate flames inside the equipment is ignited by means of the glowing wire and the effect is studied. It is electrically heated and then pressed against the sample at an appropriate temperature, maximum 960 degrees Celsius, with specified force. Then, the point at which the material under test catches fire is noted, which is absolutely essential for the designing of the system which uses this product.

- We are a Maharashtra-based company, involved in manufacturing, exporting and supplying Glow Wire Tester. Our Glow Wire Tester is manufactured in sync with the latest and revised Indian and IEC standards to improve the standards of performed procedures, simplify the various operations, as well as minimize the measuring errors.



### Cut-Through Temperature Tester

Cut-Through Temperature Tester is ideal for testing the thermal property of the enameled round wires. Enamelled wires are required to undergo different tests related to the temperature, some them being heat shock test, ageing tests like thermal endurance test and the cut through temperature test. All these tests derive vital information about the quality of the wire under test and are carried out with various intentions. The last being a very quick result giving test is the subject matter today. The result of the test is dependable to the extent of accuracy of the parameters to be controlled while carrying out the test. With this object in mind, we can assure the temperature accuracy, timing accuracy, application of the test voltage and the load, to the wire under test to be the best one having little chance to err.



We are reckoned among the reputed Manufacturers, Exporters and Suppliers of Cut-Through Temperature Tester from Maharashtra, India. The Cut-Through Temperature Tester that we offer is manufactured as per the Indian Standards (IS) as well as the International Electro-technical Commission (IEC) standards. Customers can avail Cut-Through Temperature Tester from us in customized forms.

### Breakdown Voltage Tester

Breakdown Voltage Tester is ideal for measuring the breakdown voltage of the electrical components, transformers and insulation material instruments. It also helps in determining the quality of insulating material prior to their utilization in various electrical applications. This method of test is intended to find the breakdown voltage of the liquid insulating materials like transformer oils, synthetic insulating materials etc. in liquid form. The maximum test voltage to which the test can be carried out with this instrument is up to 11 KV



#### **DETAILS :**

- Failure will occur during this test when voltage is applied between the electrodes and the breakdown voltage value is less than the maximum available test voltage. The insulating material when subjected to electrical stress, will experience a force on its molecular bonds which will break these bonds rendering the material conducting, thereby causing the failure. For accuracy reason, to find the breakdown voltage value of an insulating materials like magnet wires, various statistical methods like averaging, mean readings etc. are used.
- We are enlisted among the prominent Manufacturers, Exporters and Suppliers of Breakdown Voltage Tester from Maharashtra, India. The Breakdown Voltage Tester that we offer is manufactured in tandem with the Indian and International Electro-technical Commission standards.

## High Voltage Pinhole Tester

The covering of the enamel film on the conductor may or may not be continuous. Certain number of discontinuities or pinholes in this enamel film are allowed as per the relevant standard as a completely defect free processing is always not possible. This instrument is designed to detect and count these discontinuities. When the number of these discontinuities or pinholes exceeds those specified in the standard, the wire is said to be not complying with the requirements of the standard and hence rejected as far as this particular test is concerned. When it is less, the wire is said to pass this test successfully.



**Details :** Our instrument possesses the ability of sensing these electrical flaws in wires and cables. We are named among the eminent Manufacturers, Exporters and Suppliers of High Voltage Pinhole Tester from Maharashtra, India. The High Voltage Pinhole Tester that we offer is manufactured in adherence with the Indian Standard-13778 and IES Standard-851. Our High Voltage Pinhole Tester is stringently tested at various stages of its production in order to ensure its consistency in performance.

## Springiness Tester

<b>Application</b>	:	Spring Testing
<b>Condition</b>	:	New
<b>Frequency</b>	:	45Hz
<b>Automatic Grade</b>	:	Automatic
<b>Power Source</b>	:	Electric
<b>Features</b>	:	Easy To Use, Electrical Porcelain, Four Times Stronger, Proper Working, Superior Finish, Water Proof
<b>Warrenty</b>	:	5yrs
<b>Temperature Capacity</b>	:	High Temperature
<b>Puncture Voltage</b>	:	0-50Kw



Springiness Tester has a set of weights for springiness test, power switch and a start switch for the front panel. We are based in Maharashtra, India and involved in manufacturing, exporting and supplying Springiness Tester. We manufacture Springiness Tester in compliance with the Indian as well as the International Electro-technical Commission (IEC) standards. It is highly appreciated by the customers for its superior modular design, sturdy chassis, hassle-free functionality and low maintenance cost. We make available Springiness Tester as per the specifications given by the customers.

## Electrical Control System

<b>Voltage</b>	:	440V
<b>Condition</b>	:	Condition New
<b>Usage</b>	:	Usage Electricity Controlling
<b>Power</b>	:	Power 9-12kw
<b>Power Source</b>	:	Power Source Electric
<b>Warrenty</b>	:	Warrenty 5yrs



We manufacturer & supplier of Control System & Electrical Control System Our product range also comprises of electrical testers, high voltage testers and temperature testers.

**NAME OF OWNER**

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