

**Product Name :**  
Insulator Testing Machine

**Product Code :**  
ENGLABINGCAG360002



**Description :**

Insulator Testing Machine

**Technical Specification :**

**Technical :**

Capacity SWL: 10 TON  
Capacity SOL: 12.5 TON  
Recording Gauge: SS Burdon  
Dial Size: 150mm  
Least Count: 100 kg  
Accuracy:  $\pm 1\%$  FSD

**Physical :**

Height: 1673 mm  
Width: 673 mm  
Base Dimension: 715 mm  
Table Height: 560 mm  
Gap Between Coolum: 375 mm  
Weight: 150kg Approx.

**Hydraulic Pump Unit:**

It's a Single piston double acting pump.  
Max Pressure Range: 700 bar (10,000 PSI)

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The equipment provides direct load reading in tons and also is operated by means of compact hydraulic power pack which ensures faster and easier testing of insulators.

Porcelain Tensile Insulator Testing Machine is used for testing of railway ( traction) insulators, porcelain as well as polymer.

These are used for railway electrification and is widely being used by several EPC contractors for the Dedicated Freight Corridor (DFC) Project.

**Application:**

Porcelain tensile insulator testing machine is mainly used for testing mechanical properties of metal such as tensile, compression, bending, and it can also achieve constant stress, constant strain, creep, relaxation, axial, radial and other kinds of dead-end cycle tests and according to GB, JIS, ASTM, DIN and other standards automatically determine the tensile strength, yield strength, elongation, constant elongation stress, constant stress elongation, elastic modulus and other parameters.

Porcelain Tensile Insulator Testing Machine can be used in rubber, plastics, wires and cables, textiles, water proof materials, metal foils, metal plates, metal bars, non-woven fabrics and other non-metallic materials, as well as mechanical properties testing of metal wires.

Civil Lab provide a variety of finished product stretching, shearing, tearing, compression, peeling, bending (folding) test together with various fixtures and print graphical output high control comparison and easy operation and all kinds of accessories are complete and flexible.



## Engineering Lab Equipment India