

Double Column Tensile Testing Machine



Product Info :

Double Column Tensile Testing Machine is an advanced testing machine developed to perform tensile tests on a lot of materials. It not only helps to perform the test but also helps to get the test results directly on the digital panel of the machine. The machine is designed keeping in mind the national and international standard test methods. The machine comes with a set of grips in which the sample is first clamped and then set to perform the required test. Double Column Tensile Testing Machine combines ease of use, high performance, and wide usage with superior performance. It is a one-stop solution that helps you accurately scrutinize the tensions of the products. It is the most trusted and high-selling testing machine that is used in a large number of manufacturing industries, assembling units and production houses. The testing instrument is the best solution for product engineers and quality testers as it offers a complete scope

of testing to them. The equipment accompanies the high-quality parts that ensure highly precise results. The testing instruments come with high load capacity and are ideal for testing applications up to 5000 Kgf and are designed for the quality testing of big and complex products. The testing machine is fabricated using high-quality resources, metals and state-of-the-art & technology. The machine has been designed in the supervision of our highly skilled and experienced professionals keeping in mind the standard guidelines and procedures. The most useful aspect of the machine is that it is known for material testing. It is utilized for testing & tensile strength, shearing force, elongation & tension, peeling force of the components, further, for wire & twisted cord, plastic, textile, cowhide, synthetic chemicals, steel, rubber, etc.

TECHNICAL DATA :

- No. of Columns: Double column & mechanism driven through motor & gearbox
- Vertical Clearance: 800 mm
- Exterior Body Paint: Powder coated
- Display: Digital LCD Display with backlit
- Capacities: 100kgf to 5000 Kgf
- Load cell: S Type load-cell of reputed make
- Least count for load: 500gm
- Results displayed on screen: Load & Elongation values
- Least count for elongation: 0.1 mm
- Speed Range: 40mm/min - 400 mm/min
- Load units: Kgf
- Speed control: Dedicated AC Drive
- Motor for speed variations: Reputed make induction motor with dedicated gear box
- Test jaws: Vice Type (By default) else Please specify your applications at the time of order.
- Power Supply: 230 Volt AC, 50 Hz, Single Phase

FEATURES :

- Floor standing model
- Aesthetic outer appearance
- Unique and compact design features
- Fitted with Microprocessor based Programmable Logical controller
- Equipped with Lead screws for friction less traverse
- High accuracy in elongation
- Reputed make Induction motor with Dedicated Gear Box and Drive for speed variation and to maintain speed at high
- Easy to use display unit (controller part) and software
- In built Over Load Safety
- In built Over Travel Safety
- Overload protection for load cell
- Over travel of traversing crosshead in both direction
- Emergency Manual switch for stopping the machine

Our Valuable Customer



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