

Cone / Core Compression Strength Tester



Product Info :

A **Cone / Core Compression Strength Tester** is a precision-based quality testing machine that is used to evaluate the core crushing strength of paper cones or cylindrical structures composed of paper or flexible materials. It can precisely examine the capacity of a cone or cylindrical structure to take a vertical load prior to crushing. The equipment is compact and has a user-friendly structure. When a material like paper are rolled to form shapes like cone or cylinders the surface tension increases making the whole structure a bit stretched and may weaken the composition bond. Such structures are usually used in the yarn industry to roll out threads or maybe tissue papers. If these paper cones or cylinders have poor structure or have low crushing strength they can easily get crushed during the bulk formation in a manufacturing line or while they are used in rolling out threads or any other material.

During these structures are used in the production line and are handled by auto-mode machines, they must have a higher strength to take that kind of load. Paper cones with poor quality can hamper the production line flow by getting damaged and maybe falling off. Therefore, it is of vital importance, that these structures are tested when they are rolled in for further use. This can help the user foretell the product performance way before its actual use. The **Cone/ Core Compression Strength Tester** comes with efficient technology and features to assess the performance of paper cones or cylinders. The equipment allows the user to place widely-sized components to test with its strong gripping clamps that assure that the specimen is held safely and tight enough to ensure zero movements of the sample during the test and not too tight that it damages and crush the sample from its side edges.

TECHNICAL DATA :

- Capacities: 1000Kgf & 1500Kgf
- Display: LCD with Backlit
- Accuracy: $\pm 2\%$ full scale of FSD
- Least Count: 100gm
- Power: 220V, Single phase, 50 Hz
- Test Plate Dimensions: As per the Core/ Cone Specifications.
- Speed Drive: 10mm/min to 100mm/min.

FEATURES :

- Microprocessor based display for accurate test results
- Highly accurate test results under uniform compression Force
- Rugged double column structure.
- TARE and Peak Hold Facility Available
- Over travel protection
- Strong base plate with rugged structure
- Digital Display LCD with backlit
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Our Valuable Customer



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