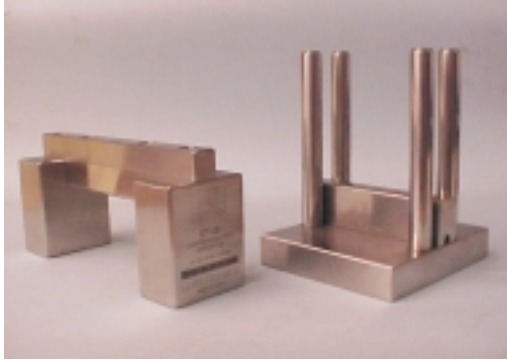




LUMETRON CT-20 Compression Test Apparatus



The **LUMETRON CT-20 Compression Test Apparatus** is designed to perform tests specified in many standards where resistance of insulating materials to elevated operating temperatures is to be determined. It is used to test insulation materials used in Electrical Appliances, Electrical wiring accessories, luminaires, motors, connectors, etc. The test ensures that external parts of insulating material, the deterioration of which might cause the appliance to fail to comply with the relevant standards, are sufficiently resistant to heat. Enclosures & other external parts of insulating material are subjected to the test. The CT-20 compression test apparatus is designed to verify the quality & safety characteristics of products, as required by national & international safety regulatory agencies such as IEC, BIS, UL, CSA, VDE, BSI, DIN, etc. It is a precision engineered test instrument for use by Safety &

Compliance Testing Laboratories.

The sample to be tested is placed on the fixed jaw & the moving jaw is placed on top of it. The whole assembly is then placed inside an oven & maintained at the test temperature for the specified time period. After the test period, the sample & compression test apparatus are removed from the oven & cooled to room temperature.

Features

- * Test to determine resistance to heat in parts of insulating materials.
- * To check materials used in electrical appliances, Luminaires & accessories.
- * The apparatus checks the deterioration in insulation which might reduce the safety of the appliance.
- * The test is used to conform that insulating parts do not undergo any change impairing their further use and also that sealing compounds, if any, do not flow to such an extent that live parts are exposed.
- * All stainless steel construction.
- * Supplied in a compact carrying case.
- * Precision engineered test instrument manufactured according to the relevant standards.
- * OPTIONS : > **Lumetron HS-70**, Oven with Digital Temperature Controller.

Specifications

Jaw Radius	: 25 mm, cylindrical, rounded at the edges to 2.5mm
Jaw Width	: 15 mm
Guide Pin Spacing	: 15.4 mm
Width between Guide Pins	: 67mm
Force Exerted on sample	: 20 N, \pm 0.1 N
Material of construction	: Stainless Steel, brushed
Overall dimensions	: 161 mm W x 106 mm D x 130 mm H, approximate
Case dimensions (mm)	: 300 W x 180 D x 115 H, approximate

