

Ball Pressure Test Apparatus for IEC60335

This ball pressure test apparatus assesses a material's resistance to heat under pressure. It uses a stainless steel ball and spring mechanism to measure indentation depth after a set period at a controlled temperature.



ADDITIONAL IMAGES



Product Overview

Precision Heat Resistance Testing

The Ball Pressure Test Apparatus is an essential tool for fire hazard testing, specifically designed to assess the heat resistance of non-metallic and solid electrical insulating materials. By simulating thermal stress conditions, this apparatus verifies the structural integrity of enclosures and external components in electrical appliances. It is a critical instrument for ensuring compliance with national and international safety standards.

Technical Specifications

Testing Mechanism

- Spring-loaded force application
- Controlled temperature heating
- Indentation depth measurement
- Post-cooling analysis

Suitable Materials

Non-metallic materials • Solid electrical insulation • Enclosures • External components

Ball Diameter

5 mm

Standards Compliance

Conforms To

IEC60238, IEC60309, IEC60320, IEC60335, IEC60598, IEC60601, IEC60669, IEC60670, IEC60745, IEC60884, IEC60950, IEC60998, IEC61058, IEC61558