

Ball Pressure Testing Device

This ball pressure test device assesses the resistance of materials to heat. It applies a specific force via a steel ball indenter, then measures the indentation diameter after cooling to determine deformation resistance.



Overview

Heat Resistance Testing Solution

This Ball Pressure Testing Device is engineered to assess the heat-endurable performance of electrical appliances and plastic enclosures. It provides a reliable method for evaluating material resistance to deformation under specific heat and pressure conditions. Designed for safety compliance, it is an essential tool for quality control in the electrical components industry.

Technical Specifications

Performance Metrics

2.5 mm

Ball Radius

20 N

Force

Ball Radius	2.5 mm
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Applied Pressure	20 N
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Compliance & Standards

Supported Standards	GB4706.1-98, GB2099.1-96, IEC884-1
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Usage Notes

Important Considerations

- Device does not include a high-temperature chamber
- Designed for testing electrical annex plastic shells
- Used to evaluate heat endurable performance