

Thermal Conductivity Tester for Non-Metallic Solids

This equipment is mainly used to determine the thermal conductivity of non-metallic solid materials. It is suitable for use in testing units, universities, research, and production units.



Overview

Advanced Thermal Conductivity Testing

This thermal conductivity testing equipment is specifically designed for the precise determination of non-metallic solid materials. It is an ideal solution for universities, research institutions, and production facilities requiring accurate thermal data. Featuring intelligent microcomputer control, the system ensures rapid, reliable measurements with minimal sample deformation.

Technical Specifications

Key Performance Metrics

0.01 °C Temperature Resolution	300 s Max Measurement Time	2 W/(m·K) Max Thermal Conductivity
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Measurement Accuracy	5 %
Operating Temperature Range	0-80°C

Standards and Compliance

Standards Compliant	GB 10297-1998, GB/T 10294-2008, GB/T 10801.1, GB/T 10801.2
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Operating Environment

Laboratory Environment

- Temperature: 23 ± 2 °C
- Humidity: 40-60% RH

Applications

Typical Industry Usage

Construction • Energy • Environmental Protection • Chemical • Medical