

# 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

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

## Operating Environment

### Laboratory Environment

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

## Applications

### Typical Industry Usage

Construction • Energy • Environmental Protection • Chemical • Medical