



## THERMAL CONDUCTIVITY METER FOR INSULATION AND BUILDING MATERIALS

### RR 406

**Description:**

The thermal conductivity measurement device operates based on the Transient Plane Source (TPS) method and allows for the measurement of thermal conductivity across a wide range of materials. The TPS setup is composed of a heating source which acts as both a heater and a sensor. There are two probes with different diameters for placing samples with different dimensions. A vast range of materials including ceramics, various metals, and insulations such as glass wool, rock wool, and building materials like concrete, among others can be tested with this device.

**Specifications:**

- Thermal conductivity measuring range: 0.001-150 w/mk
- Temperature measuring range: 25-130°C
- Probe diameter: two probes with 7.5mm and 15mm
- Accuracy: 0.001
- Touch panel HMI user interface with data acquisition software
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

**Applications:**

1. Measuring thermal conductivity
2. Comparing the thermal conductivity of different materials with each other

**Required For Operation:**

- 220V Single Phase Electricity
- Relative Humidity: 15% - 80%



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Dimensions (L\*W\*H) mm:550×500×400

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