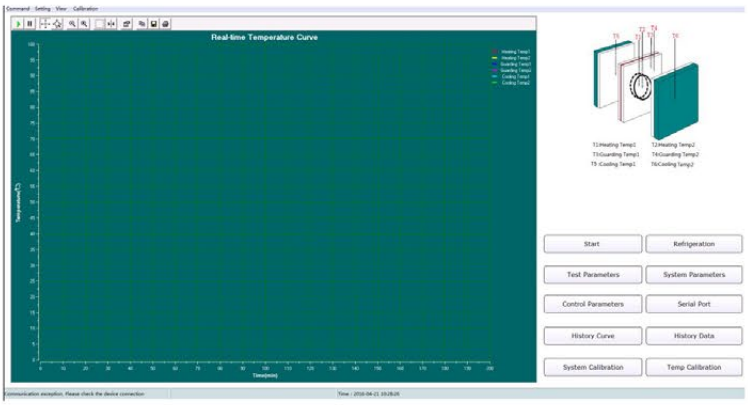
TINPENG

HEAT FLOW METER CD-DR-8080

Thermal conductivity is an important indicator used to measure the thermal and thermal properties of materials. The thermal conductivity of the material is related to a range of factors such as material properties, composition, moisture content, time, average temperature, temperature difference, and thermal state experienced. Accurate measurement of thermal conductivity is important for various fields such as environmental engineering, construction engineering, industrial engineering, scientific research, and energy conservation.



FEATURES

- Adopting the spring-type clamping structure with national patent, no gas source is needed, the pressure is stable, and the operation is simple, which has played an important role in improving the detection accuracy.
- Advanced temperature control algorithm, while meeting the accuracy requirements, shorten the detection time, so that the first detection process is shortened to 2.5 hours, the second detection process is only 1.5 hours.
- Integrated design, beautiful and generous, easy to install, move the space required.

TECHNICAL SPECIFICATIONS

Overall dimensions (L*W*H)	1470x910x1940 mm
Gross weight	300 kg
Specimen specification (overall dimensions)	800×800 mm
Specimen thickness	10 mm; range: 10-110mm
Thermal conductivity measurement range	0.25~4.5W/(m2.K)
Cold plate temperature	-5℃~40℃
Hot plate temperature	≤80℃
Cold plate temperature control stability	0.1℃
Hot plate temperature control stability	0.1℃
Test repeatability	±1%
Flatness	<0.1%

SINCE 2006

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