HEAT FLOW METER DR-6060

It is mainly used to determine the thermal conductivity of STP and VIP vacuum insulation boards. It can also test silicate insulation materials, ceramic insulation materials, rubber powder polystyrene particles, extruded boards XPS, rigid foam polyurethane insulation boards, foamed cement boards and Class A inorganic fireproof insulation mortar, ceramic insulation boards, XPS extruded boards, EPS foam boards, perlite and perlite bricks, vermiculite and vermiculite bricks and foamed cement and other materials.
Configuration: heat flow meter host, computer, circulating water bath, power cord, etc.

FEATURES

- It integrates a constant temperature bath.
- The user can realize the fully automatic control of the instrument, data acquisition and processing, as well as the calculation, display and printout of thermal conductivity through the computer.
- It has a high degree of automation, high measurement efficiency and accurate data.
- Small footprint and low noise.

TECHNICAL SPECIFICATIONS

Heat flow range	-600～600 W/㎡
Thermal conductivity measurement range	0.001—2.000 W/ (m•K)
Thermal conductivity measurement accuracy	±3%
Thermal conductivity measurement repeatability	±1%
Temperature measurement range	-5~95℃
Temperature resolution	0.01℃
Temperature control accuracy	0.05℃
Specimen thickness	25mm, range 5~40mm
Specimen size	300×300mm, 300×600mm, 400×600mm, 600×600mm, sizes larger than 600mm can be customized.
Ambient temperature	23±2℃
Humidity	40~60%RH
Power supply	AC 220V±10%, 2.0kW

SINCE 2006
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