

Thermal Conductivity Measurement System

Description

AHP PLASTIK MAKINA

- According to ASTM C518, EN 12667, ISO 8301
- It is used for thermal conductivity measurement and thermal resistance measurement
- Two heat flux sensor with thermocouples
- Automated plate clamp
- Direction of test through thickness
- Thermal conductivity range 0.002-0.5 W/m.K
- Measurement time about 45 min
- Contact pressure 1 kPa
- Temperature range room temperatureâ€¦ 80C (Other ranges on request by customer either by Peltier element or external cooling unit)
- Max sample thickness 50mm
- Closed cabin for accuracy of measurements
- Sample size up to 200*200*50 mm (Other sizes on request)
- Windows based software
- Report in MS WORD
- Training video included
- Connection port to PC is USB
- Powder coated paint body
- Calculation of standard parameters automatically
- Easy calibration by operator
- Easy to service online from distance
- Online services with distance connection in maximum 24 hours