

# Thermal conductivity measuring insert

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The thermal conductivity measuring insert is intended for measurement of the thermal conductivity coefficient temperature dependencies in constant magnetic field using stationary method. The inner sample holder is equipped with the resistive heaters, resistive temperature sensors and Hall sensor.

The thermal conductivity measuring insert characteristics:

- relative measurement accuracy of thermal conductivity coefficient: 3 %;
- sample dimensions: a rectangular plate 22×4×2 mm;
- temperature interval – from 80 to 370 K;
- magnetic field interval – from 0.02 to 2 T.

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