

Heat capacity measuring insert

The heat capacity measuring insert is intended for measurement of the heat capacity temperature dependencies in constant magnetic field. In this insert the adiabatic method is used. The inner sample holder is equipped with the resistive heaters, resistive temperature sensors and Hall sensor.



The heat capacity measurement insert characteristics:

- relative measurement accuracy of heat capacity: 3 %;
- sample dimensions: a rectangular bar 4×5×2.5 mm;
- temperature interval – from 80 to 370 K;
- magnetic field interval – from 0.02 to 2 T.

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