The **Heat Flow Meter LINSEIS HFM 300** is used to determine the thermal conductivity properties of materials with a high level of accuracy. The instrument was designed for ASTM C518, JIS A1412, ISO 8301 and DIN 12667. The principle of measurement is to position a sample between a hot and a cold plate and to measure the heat flow. It allows to determine thermal conductivities in a wide range from 0.001 to 2.5 W/m·K. Furthermore, it can operate at different temperatures (from -30 to 90°C).

![Figure 1. Heat Flow Meter LINSEIS HFM 300.](image-url)