



MKT 50 Millikelvin Thermometer for Temperature Measurements in the Petroleum Industry

Temperature measurement is one of the most frequently performed determinations of a physical parameter and it is part of the calibration program in the petroleum industry.

Accurate, fast and user-friendly? Yes, of course!

The solution for accurate, fast, user-friendly and affordable temperature meters has a name: MKT 50 Millikelvin Thermometer. Today, numerous refineries have already made the decision to go with Anton Paar's MKT 50 due to its accuracy combined with its outstanding price/performance ratio.

Depending on the temperature sensor, varying temperature ranges can be covered, e.g. from $-100\text{ }^{\circ}\text{C}$ to $450\text{ }^{\circ}\text{C}$. MKT 50 also complies with the requirements as specified in DIN IEC 751.

The field of application is wider than that. In addition to taking temperature measurements, MKT 50 also proves indispensable in a petrochemical sample laboratory for the

- calibration of DMA M density meters and
- calibration of SVM viscometers and
- calibration of water baths and
- an automated temperature adjustment of the DMA M density meters and SVM viscometers

and, on top of that, in an instrumentation laboratory for the calibration of all the temperature sensors used in the respective plant.

Where the MKT 50 Millikelvin Thermometer comes in handy

The petrochemical industry and official calibration laboratories represent the biggest group of MKT 50 users. Also other manufacturing industries such as the metal, non-metal, electronic and chemical industry value MKT 50's performance and have joined the community of MKT 50 users.

MKT 50 is the favorite among temperature meters for multiple reasons:

- **Reliable:** High-end accuracy for many years.
- **Affordable:** Unbeatable price/performance ratio.
- **Portable:** One instrument accommodates several measuring locations.



Your integral supplier

Anton Paar is able to provide numerous instruments such as DMA M, Lovis M/ME, SVM and MCP with the suitable standard calibration solution.

More than just temperature

MKT 50 offers two options in one housing: thermometer and reference resistance meter in the range of 0 Ohm - 400 Ohm.



Do you have any questions?

Contact Anton Paar directly:
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