

# Temperature Calibrator

TC15

- 3 years calibration interval
- Touch display
- Range -40°C to 150°C
- Accuracy to  $\pm 0,3^{\circ}\text{C}$
- Stability to  $\pm 0,05^{\circ}\text{C}$
- No liquids, safe dry calibration
- 110 mm well depth



IKM Instrutek calibrators - have been designed to maintain high accuracy and stability under the most severe conditions. The portable calibrators are used on offshore rigs and by leading ship owners world-wide.

True calibration - no simulation. The calibrator generates true temperature reference.

Calibration standard - Each calibrator supplied by IKM Instrutek is calibrated against precision equipment, which is traceable to national standards, each unit is supplied with calibration certificate.

IKM Instrutek calibrators - will fulfill requirements in connection with quality assurance programs as well as requirements from classification societies.

Portable - low weight and compact design make the calibrators ideal for "on site" calibration.

# Technical information

Temperature range	-40°C* to 150°C
Resolution (display)	0,1°C
Accuracy 1 year	±0,3°C
Accuracy 3 years	±1,2°C
Stability	±0,05°C
Axial gradients (Euramet/cg-13/v.2.0)	±0,4°C
Heating time to max	50 min.
Cooling time	20 min. (150°C to -40°C*)
Thermostat test	Yes
USB	Yes
Well depth	110 mm
Well diameter	19 mm
Power supply	120-230 VAC, 50/60 Hz
Power consumption	180 Watt
Operating temp.	0 to 40°C
Dimension	122 x 345 x 240 mm
Weight	Approx. 5,5 kgs

\* Relative to ambient.



## Easy to use:

The dry block principle excludes the use of oil or other liquids. A dry block insert with various diameters ensure thermal contact to the sensor being tested.

Simply place the sensor to be calibrated in the calibrator. Set the temperature. When stabilisation occurs, read the true temperature from the calibrator and re-calibrate the sensor or system accordingly.

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