
Temperature Calibrators

TC65M/TC15M

- **Range -40°C to 650°C**
- **Accuracy to $\pm 1,5^{\circ}\text{C}$ / $\pm 0,3^{\circ}\text{C}$**
- **Stability to $\pm 0,1^{\circ}\text{C}$ / $\pm 0,05^{\circ}\text{C}$**
- **No liquids, safe dry calibration**
- **155 / 110 mm well depth**
- **2 buttons - easy to use**



DNV-GL

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, and calibration certificates are supplied with each unit.

IKM Instrutek calibrators - will fulfil 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

	TC65M	TC15M
Temperature range	30 to 650°C	-40* to 150°C
Resolution (display)	0,1°C	0,1°C
Accuracy	±1,5°C	±0,3°C
Stability	±0,1°C	±0,05°C
Axial gradients (Euramet/cg-13/v.2.0)	±3°C	TBD
Heating time to max	14 min.	50 min.
Cooling time to min	40 min.	20 min.
Thermostat test	Yes	Yes
USB	Yes	Yes
Well depth	155 mm	110 mm
Well diameter	26 mm	19 mm
Power supply	230 VAC, 50 Hz 110 VAC, 60 Hz	90-240 VAC, 60/50 Hz
Power consumption	1600 Watt	180 Watt
Operating temp.	0 to 40°C	0 to 40°C
Dimension	117 x 300 x 245 mm	117 x 300 x 245 mm
Weight	Approx. 5,5 kgs	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.

IKM Instrutek AS is a leading supplier for calibration of instruments for vessels. We offer a maintenance scheme for our customers calibration kit, including a pool of re-certified test cases, ready to be shipped to vessels.

We manage the system for our customers and ensure that traceable and certified instruments are available anytime. The Marine Test Case, Mini System, covers E0 requirements from SOLAS

We offer custom designed cases including a wide range of instruments including certificates and approvals for: Pressure, Temperature, Electrical and Gas

IKM Instrutek AS provide test cases, calibration- and service world-wide through a network of distributors and service partners.

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