

Temperature Calibrators

TC65M/TC15M



IKM Instrutek calibrators - have been designed to mantain high accuracy and stability under the most servere 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 infomation

Temperature range Resolution (display)

Accuracy Stability

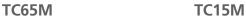
Axial gradients (Euramet/cg-13/v.2.0)

Heating time to max Cooling time to min Thermostat test

USB

Well depth
Well diameter
Power supply

Power consumpsion Operating temp. Dimension Weight



30 to 650°C -40* to 150°C 0,1°C 0,1°C ±1,5°C ±0,3°C ±0,1°C ±0,05°C ±3°C **TBD** 14 min. 50 min. 40 min. 20 min. Yes Yes Yes Yes 155 mm 110 mm

230 VAC, 50 Hz 90-240 VAC, 60/50 Hz

110 VAC, 60 Hz

26 mm

1600 Watt 180 Watt 0 to 40°C 0 to 40°C

* Relative to ambient.

19 mm



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 occours, read the true temperature from the calibration 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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