

# Temperature Calibrator

## TC65



**VIMEX**  
measurably better

- 3 years calibration interval
- Touch display
- Range 30°C to 650°C
- Accuracy to  $\pm 1.5^\circ\text{C}$
- Stability to  $\pm 0.1^\circ\text{C}$
- No liquids, safe dry calibration
- 155 mm well depth



The calibrator 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 is calibrated against precision equipment, which is traceable to national standards, each unit is supplied with calibration certificate.

The calibrator 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

	TC65
Temperature range	30 to 650 °C
Resolution (display)	0.1 °C
Accuracy 1 year	±1.5 °C
Accuracy 3 year	±3.5 °C
Stability	±0,1 °C
Axial gradients (Euramet/cg-13/v.2.0)	±3 °C
Heating time to max	14 min.
Cooling time to min	40 min.
Thermostat test	Yes
USB	Yes
Well depth	155 mm
Well diameter	26 mm
Power supply	230 VAC, 50/60 Hz
Power consumption	1600 Watt
Operating temp.	0 to 40 °C
Dimension	117 x 300 x 245 mm
Weight	Approx. 5.5 kgs



### 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.

*Please note that datasheet specifications are subject to change without prior notice!*