

# Temperature Calibrators TC65M/TC15M

- Range  $-40^{\circ}\text{C}$  to  $650^{\circ}\text{C}$
- Accuracy to  $\pm 0,5^{\circ}\text{C}$  /  $\pm 0,3^{\circ}\text{C}$
- 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



**Scan-Sense 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 Scan-Sense is calibrated against precision

equipment, which is traceable to national standards, and calibration certificates are supplied with each unit.

**Scan-Sense 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.

**OFFSHORE**

**SUBSEA**

**MARINE**

# Technical information

	TC65M	TCI5M
Temperature range	30 to 650°C	-40* to 150°C
Resolution (display)	0,1°C	0,1°C
Accuracy	± 0,5°C <sup>(1)</sup>	± 0,3°C <sup>(1)</sup>
Stability	± 0,1°C <sup>(1)</sup>	± 0,05°C <sup>(1)</sup>
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	90-240 VAC, 60/50Hz
	110VAC, 60 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.

(1) Product under development, specifications may change



## Easy to use:

The dry block principle excludes the use of oil or other liquids. A dry block 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 recalibrate the sensor or system accordingly.

**Scan-Sense AS** is a Norwegian company specialising in design and manufacturing of high quality sensors/instrumentation and related software for measurement of temperature, pressure, load and force.

**Scan-Sense AS** supplies portable temperature calibrators from -40°C to 650°C and a range of EEx/IS approved portable pressure calibrators from vacuum to 1200 Bar.

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