

# Calibration Instruments



- Range 50 to 600°C
- Accurate to  $\pm 1,5^{\circ}\text{C}$
- Stable to  $\pm 0,75^{\circ}\text{C}$
- No liquids, safe dry calibration
- 155 mm well depth
- 3 buttons - easy to use



APPROVAL  
A-8737

## TC60M Temperature Calibrator

**Tek Know 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.

**Tek Know 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

|                      | TC60M                           |
|----------------------|---------------------------------|
| Temperature range    | 50 to 600 °C                    |
| Resolution (display) | 1 °C                            |
| Accuracy             | ± 1,5 °C                        |
| Stability            | ± 0,75 °C                       |
| Heating time         | 14 min.                         |
| Well depth           | 155 mm                          |
| Well dia. (3 holes)  | 4.5, 6.5 and 13.5 mm            |
| Power supply         | 230 VAC, 50 Hz<br>110VAC, 60 Hz |
| Power consumption    | 1600 Watt                       |
| Operating temp.      | 0 to 40°C                       |
| Dimension            | 117 x 300 x 245 mm              |
| Weight               | Approx. 5.5 kgs                 |

Note: Due to continuous product improvements, published specifications may change without notice.



## Automatic Calibration

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 simply 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 1200°C and a range of EEx/IIIS approved portable pressure calibrators from vacuum to 1200 Bar.

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