

## Traqc-3 FM Temperature Calibrator

- ✓ **Rugged**
- ✓ **Lightweight**
- ✓ **Easy to use in field**
- ✓ **High benefit-cost ratio**
- ✓ **High stability**
- ✓ **Software**
- ✓ **Modern design**



### **On the right TRAQC with Tradinco Quality Calibrators**

The combination of accuracy with a rugged design, ease of use and speed makes the Traqc-3 FM temperature calibrator a perfect fit for use in field applications.

Various fixed block option designs are possible, depending on your specific requirements, and full automatic calibration is possible in conjunction with our Tradinco Autocal® calibration software.

Tradinco Instruments distributes, designs, manufactures and repairs calibration, sensing equipment and instruments for various industries.

Our core values are quality, service and keeping our knowledge up to date with the latest technical innovations.

**AutoCal+**   
The Calibration Software®

## Technical Specifications

Temperature range	Ambient +5°C to 375°C
Resolution	0.1 °C/°F
Accuracy	Over full range better than +/- 0.4°C, typ. +/- 0.2°C
Stability	+/- 0.05°C
Heating time	Ambient to 300 °C in 5.75 minutes
Cooling time	300°C to 60°C in 14 minutes
Stabilization	5 minutes
Well dimensions	Depth 100 mm, Diameter 13 mm
Switch test	Powerless switch, LED indicator, 5 VDC, 16 mA max
Communication	RS232 for use with e.g. AutoCal
Supply voltage	220Volt, 50/60 Hz or 110 Volt, 50/60 Hz. Selectable
Power consumption	250 Watts
Fault protection	Internal sensor break detection
Fuse	3.15 A. (slow)
Thermal Protection switch	75 °C
Temp switch test	5 VDC, 16 mA max.
Safety	NEN -EN-IEC 601010
Conformity (EC)	to NEN-EN-IEC 61000-4-3, -3-2, -3-3, -4-2, -4-4, 4-5
Weight	approx. 1740 grams, without power cord, incl. 6.2 mm insert
Dimensions	w 149 x d 159 x h 74 mm.

Standard scope of supply      Traqc-3FM, 1 insert with 6mm bore, standard calibration Certificate, Powerlead

Options      Traqc-3 robust rugged blue carrying case, additional inserts with bore: 3.5, 6.5, 4,5, undrilled. Others on request. Accredited calibration certificate traceable to international standards.

Specifications may be changed without notice.

For other related instruments in the Traqc-family, we refer to the datasheets: Traqc-3, Traqc-5, Traqc-7 P, Traqc-8, Traqc-9 P, Traqc-9 C series, Traqc-20 and Traqc-21 Series.

