

Thermocouple Thermometers TK 61 - TK 62

KEY POINTS

• Adjustable alarms

• Hold-min-max functions

• Adjustable backlight

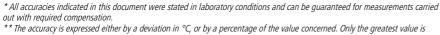
Selection of units

TECHNICAL FEATURES

Measuring elements	K, J, T or S thermocouple			
Channels number	TK61: 1 channel TK62: 2 channels			
Display	4 lines, LCD technology. Dimensions: 50 x 36 mm. 2 lines of 5 digits with 7 segments (value) 2 lines of 5 digits with 16 segments (unit)			
Housing	ABS, IP54 protection			
Keypad	5 keys			
Connector engineering	Compensated miniature female connectors			
European directives	2014/30/EU EMC; 2014/35/EU Low Voltage; 2011/65/EU RoHS II; 2012/19/EU WEEE			
Power supply	4 batteries AAA LR03 1.5 V			
Battery life	180 hours			
Ambience	Neutral Gas			
Conditions of use (°C, %RH, m)	From 0 to +50°C. In non condensing conditions. From 0 to 2000 m.			
Storage temperature	From -20 to +80°C			
Auto shut-off	Adjustable from 0 to 120 min			
Weight	210 g			

SPECIFICATIONS

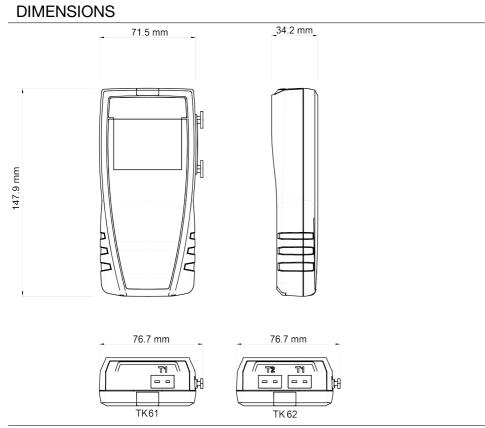
Models	Measuring units	Measuring range	Accuracy*	Resolution
Thermocouple probes (see related data sheet)				
K Thermocouple	°C, °F	From -200 to +1300°C	±1.1°C or ±0.4% of reading value**	0.1°C
J Thermocouple	°C, °F	From -100 to +750°C	±0.8°C or ±0.4% of reading value**	0.1°C
T Thermocouple	°C, °F	From -200 to +400°C	±0.5°C or ±0.4% of reading value**	0.1°C
S Thermocouple	°C, °F	From 0 to 1760°C	±1°C or ±0.4% of reading value**	0.1°C





FUNCTIONS

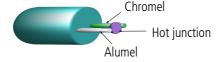
- Selection of temperature units
- Adjustable alarms
- Hold function
- Display of minimum and maximum values
- Configurable auto shut-off
- Backlight
- Delta temperature (TK62)



OPERATING PRINCIPLES

According to the Seebeck effect, when two wires composed of different metals are joined at both ends, an electric circuit is formed. This voltage varies according to the measured temperature.

K Thermocouple example



SUPPLIED WITH

Instruments are supplied with adjustment certificate.

ACCESSORIES

 CQ 15: Magnetic protective housing



- RTE: Telescopic extension, lenght 1m, with index at 90°
- Thermocouple temperature probes
- Black ball Ø150 mm with stuffing box for temperature probe Ø4.5 mm. Other on request.
- ST 110: Transport case
- Calibration certificate

MAINTENANCE

We carry out calibration, adjustment and maintenance of your instruments to guarantee a constant level of quality of your measurements. As part of Quality Assurance Standards, we recommend you to carry out a yearly checking.

WARRANTY

Instruments have 1-year quarantee for any manufacturing defect (return to our After-Sales Service required for appraisal).

PRECAUTIONS FOR USE

Please always use the device in accordance with its intended use and within parameters described in the technical features in order not to compromise the protection ensured by the device.

