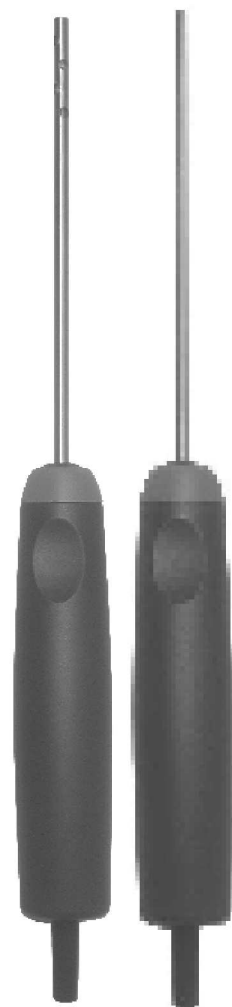


# PT 100 THERMOMETERS TR 50 and TR 52

- Reliable and accurate
- Simple to use
- Display of 2 parameters simultaneously
- 2-channel thermometer (as model)
- Selection of languages



## FUNCTIONS



### THERMOMETER :

- Pt100 temperature
- Dynamic delta T (TR 52 model)
- Hold function
- Min. et max. values
- Selection of units

## SPECIFICATIONS

	TR 50	TR 52
Pt100 channel	Simple	Double
Dynamic delta T	-	Yes
Measuring units	°C, °F, K	
Measuring ranges	- 100 to + 400 °C	
Accuracy*	±2% of reading ±0,3 °C	
Resolution	0,1 °C from - 50 to + 250 °C 1 °C beyond	

\* Performed in laboratory conditions, all the above accuracies mentioned in this document will be guaranteed, provided that you use the calibration compensation data or identical calibration conditions.

# TECHNICAL FEATURES

**DISPLAY** : 2 lines of 12 characters. Size 38 x 12 mm.

**HOUSING** : Shock-proof, made of ABS/PC.

**KEYPAD** : Made of Elastomer : 5 keys.

**CONNECTIONS** : mini-DIN secured plugs.

**MEASURING ELEMENTS** :  
**Pt100 temperature** : Pt100 class A.

**CONFORMITY** : electromagnetical compatibility (norm NF EN 61326-1)

**POWER SUPPLY** : 1 Alcaline battery 9 V 6LR6

**WORKING ENVIRONMENT** : Neutral gas

**WORKING TEMPERATURE** : From 0 to 50°C.

**STORAGE TEMPERATURE** : From 0 to 50°C.

**AUTOMATIC SHUT-OFF** : 30 min

**DIMENSIONS** : 145 x 75 x 34 mm

**WEIGHT** : 190 g

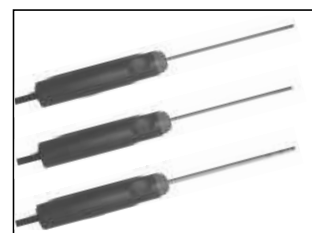
**LANGUAGES AVAILABLE** : French, English.

## SUPPLIED WITH...

X Included

TR 50 TR 50 A TR 50 P TR 50 C TR 52

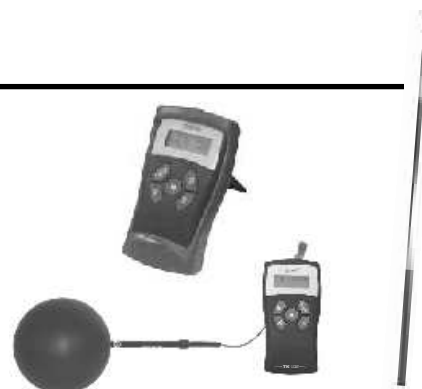
	TR 50	TR 50 A	TR 50 P	TR 50 C	TR 52
Ambient temperature probe, ref : STPA 150		X			
Penetration temperature probe, ref : STPP 150			X		
Contact temperature probe, ref : STPC 150				X	
Adjusting certificate	X	X	X	X	X



Large choice of PT100 probes : Ambient, general use, penetration, contact...  
 (For more details, you can refer to the technical data sheet of the probes for portable instruments).

## ACCESSORIES

- Rubber boot protection with magnet and holding-leg
- Black ball Ø 150 mm with union for temperature probe Ø 4,5 mm. Further dimensions available on request.
- Telescopic extension, length 1m bent at 90° for probe.
- Silicone heat-conductive grease for temperature probes
- Transport cases



## AFTER-SALES SERVICE

Kimo performs the calibration, the adjusting and maintenance of all their instruments to guarantee a constant level of quality of your measurements. Within the Quality Insurance norms, we recommend that the instruments are checked once a year.

## USING

Selection of the language : (with unit switched off) press and hold "OK". Then press "ON/OFF". Press "HOLD" to confirm English and press "SELECT" for French.

To switch on, press "ON/OFF". Connect the probe (one or two according to the model). Then, the measure is displayed.

Press "OK" to display DT (only on TR 52 model). To come back to the measure in progress, press "OK".

To modify the unit of measure, press "SELECT". Scroll down the units available, by pressing "SELECT" once again. To confirm the unit, press "OK". To escape this function, press "ESC".

To display the min. and max. values, press "MIN/MAX" once for the channel 1 and press twice for the channel 2 (only on model TR 52). To come back to the measure in progress, press "ESC".

Press "HOLD" to hold the measure and press the same key to come back to the measure in progress.

To switch off, press and hold "ON/OFF" during few seconds.



Ref. FT ang - TR50 TR52 - 06/02 B

[www.kimo.fr](http://www.kimo.fr)

### EXPORT DEPARTMENT

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