



Supplied with* Calibration certificate

Pt100 Thermometers

TR 100 - TR 102

New
CE



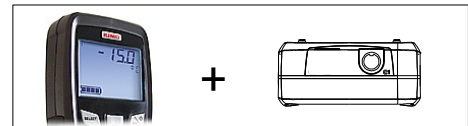
Functions

- Temperature 1 or 2 channels
- Selection of units
- HOLD function
- Simplified mode function
- Adjustable automatic shut-off
- Adjustable backlight
- Delta T (TR 102)
- Minimum and maximum values

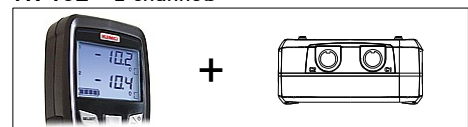
Technical features

Measuring element	Class 100 : Pt100 class A
Display	4 lines, LCD technology. Size 50 x 34.9 mm. 2 line of 5 digits with 7 segments (value) 2 line of 5 digits with 16 segments (unit)
Housing	Shock-proof made of ABS, IP54 protection or IP67 with CEP 150 protective cover
Keypad	Metal-coated with 5 keys
Cable	straight, lg. 2 m
Conformity	electromagnetical compatibility (NF EN 61326-1 guideline)
Power supply	1 alkaline battery 9V 6LR61
Operating temperature	from 0 to 50°C
Storage temperature	from -20 to +80°C
Auto shut-off	adjustable from 0 to 120 min
Weight	190g
Languages	French, english

TR 100 - 1 channel



TR 102 - 2 channels



Specifications

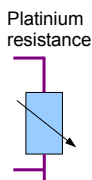
	Measuring units	Measuring ranges	Accuracy*	Resolutions
TEMPERATURE PROBES (See related datasheet)				
TR 100 Pt 100 1 channel	°C, °F	from -100 to 400°C	±0.4% ±0.3°C	0.1 °C
TR 102 Pt 100 2 channels	°C, °F	from -100 to 400°C	±0.4% ±0.3°C	0.1 °C

*All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out in the same conditions, or carried out with required compensation.

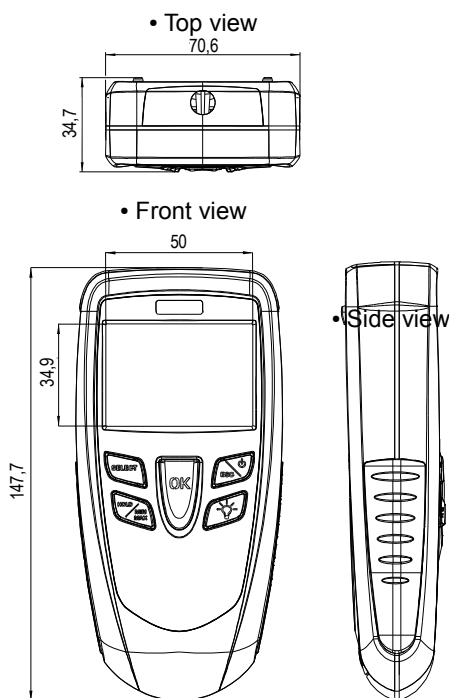
Working principle

Thermometer : Pt100 probe

Pt100 is a resistance with a positive temperature coefficient which varies according to the temperature. The higher the temperature is, the more the value of the resistance increases. ie : for 0°C ≈ 100 Ω - for 100°C ≈ 138,5 Ω.



Dimensions

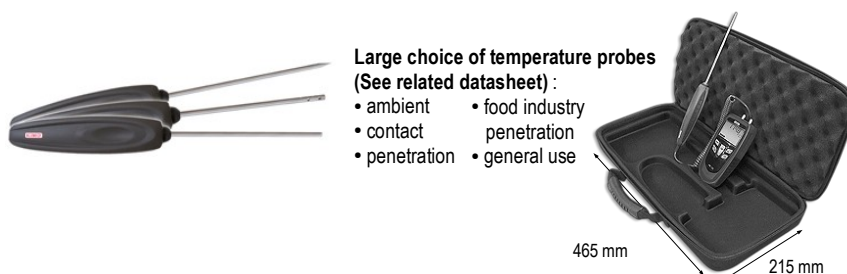


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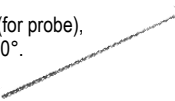

● Included ○ Optional

DESCRIPTION	TR 100	TR 102
Choice of Pt100 temperature probe	○	○
Protective cover IP67	○	○
Calibration certificate*	●	●
Transport case	●	●

*except class 100S



Accessories (See related datasheet)

CE 100 Protective cover with magnet and holding system. 	CEP 100 Protective cover against water spray 
GST Silicone heat-conductive grease for temperature probes 	RTS Telescopic extension (for probe), 1m long and bent at 90°. 
BN (See related data sheet) Black ball Ø 150mm with junction for temperature probe Ø 4,5mm. Further dimensions available. 	

Warranty period

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

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