

New

CE

PRECISION THERMOMETER MULTI-CHANNEL TM 200

SUPPLIED
WITH
Calibration
Certificate



Intuitive menu with control knob

Ergonomic housing with Elastomer protection

Display of 4 parameters

Display of battery life level

Interchangeable Smart Pro probes

Automatic recognition of the probes

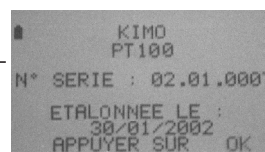
Display of calibration date

4-channels thermometer

Data-logging capabilities

PC and printer interface

Selection of languages



FUNCTIONS



THERMOMETER :

- ▶ Pt100 temperature : 2 channels, dynamic delta T
- ▶ Thermocouple K temperature : 2 channels, dynamic delta T



DATALOGGER :



- ▶ Multi-parameters recording
- ▶ Manual and automatic storage
- ▶ Memory : 8000 pts and 40 measuring campaigns
- ▶ Simple to use, with printing of customized report
- ▶ Management of instrument fleet, and follow-up of the calibration periods.

SECONDARY-FUNCTIONS :

Hold, min. and max. values, standard deviation, printing, adjustable automatic shut-off, selection of languages.

SPECIFICATIONS

The TM 200 is a multi-channel instrument, compatible with Pt100 temperature probes, equipped with SMART PRO system, and with all thermocouple K temperature probes. The SMART PRO probes are supplied with calibration or adjusting certificate (last calibration date display when connected). They are automatically recognized when connected, and are fully interchangeable.

	Measuring units	Measuring ranges	Accuracy*	Resolutions
 2 channels Pt100 temperature	°C, °F, K	-100 to +400°C	±2% of reading ±0,1°C	0,1°C
 2 channels thermocouple K temperature**	°C, °F, K	-200 to -40°C -39 to +999°C +1000 to +1300°C	±1% of reading ±1,2°C ±0,5% of reading ±0,8°C ±1% of reading ±1,2°C	0,1°C 0,1°C 1°C

* 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.

** The thermocouple K probes are not part of SMART PRO probes.

TECHNICAL FEATURES

DISPLAY :

Graphic, with automatic backlighting. Size 48 x 24 mm.

HOUSING :

Shock-proof, made of ABS/PC, with Elastomer edges.

KEYPAD :

Made of Elastomer : 4 keys and one control knob.

CONNECTIONS :

Connectors : mini-DIN secured plugs.

Thermocouple K connectors : compensated miniature plugs

Numeric connection output : USB.

COMMUNICATION MODE :

RS 232.

MEASURING ELEMENTS :

Pt 100 temperature : Pt 100 class A

Thermocouple temperature : Thermocouple K class 1

CONFORMITY :

Electromagnetical compatibility (norm NF EN 61326-1)

POWER SUPPLY :

4 Alkaline batteries 1,5 V LR6

WORKING ENVIRONMENT :

Neutral gas

WORKING TEMPERATURE :

From 0 to 50°C.

STORAGE TEMPERATURE :

From 0 to 50°C.

DIMENSIONS :

176 x 78 x 35 mm

WEIGHT :

400 g

LANGUAGES AVAILABLE :

French, English, Spanish, Portuguese, Italian, German, Dutch.

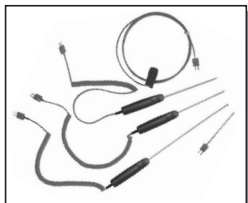
SUPPLIED WITH...

O Optional

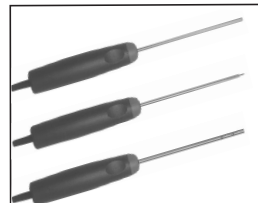
X Included

TM 200

Pt 100 temperature probes	O
Thermocouple K temperature probes	O
Printer	O
Software for PC	O
Transport case	X
Calibration certificate	X



Large choice of thermocouple K and Pt100 probes: ambient, wire probe, general use, penetration, contact, high precision... (For more details, you can refer to the technical data sheet of the probes for portable instruments).



ACCESSORIES

- ▶ 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.
- ▶ Hands-free protection cover
- ▶ Printer
- ▶ Software for PC
- ▶ Silicone heat-conductive grease for temperature probes
- ▶ Adaptor for power supply 230 Vac



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.

www.kimo.fr

EXPORT DEPARTMENT

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