

Centesimal thermometer with double measuring channel for PT100 probes mod. TEMP70

It is the ideal choice for accurate and precise measurements over a wide range of measurements.

The double centesimal channel allows it to be used in many applications.

It allows you to view the two measurement channels simultaneously, and the difference between the readings on a single screen.

Manual or automatic datalogger, up to 1000 records with date and time.

The free Datalink software allows you to remotely control the instrument (via Micro-USB connection), download the saved data, view them in beautiful or graphic format and export them to PDF and Excel.

Min-Max-Hold functions.

Stability indicator, criterion adjustable on three levels.

Robust and easy to use, it is equipped with a large color backlit LCD display, for an always clear view, even in poor external light conditions.

Automatic brightness adjustment, for a long battery life.

The LED indicates the status of the measurement. It can be powered either by batteries or via the USB power supply.

Accredia certifiable tool.

Equipped with the PT56L 1/5 DIN probe it achieves the maximum accuracy.

Perfect as a primary thermometer.

Accessories on request:

PT100 temperature probes



	E4510212	MOD.PT56C Flat tip for measurements in contact with surfaces with 1.5 m cable
	E4510222	MOD.PT56P Penetration tip for measurements on dense or semi-solid samples with 1.5 m cable
	E4510232	MOD.PT56A Tip open to the passage of the air flow. Exclusively for measurements in air with a 1.5 m cable
	E4510242	MOD.PT56L 1/5 DIN Hemispherical tip for



measurements in air and liquids. Accuracy class 1/5 DIN, for faster and more accurate measurements, with 1.5m cable



E4510252

MOD.PT56TFE Hemispherical tip for measurements in air and liquids and 3-metre Teflon cable to withstand the most extreme temperatures

Technical data

Performance

Accuracy (+100 ... + 999.9 ° C)	± 0.1 ° C
Accuracy (-200 ... -100 ° C)	± 0.1 ° C
Accuracy (-99.9 ... +99.9 ° C)	± 0.03 ° C
Measurement range (max. Value)	+ 999.9 ° C
Measuring range (min. Value)	-200 ° C
Resolution (from -99.9 to + 199.9 ° C)	0.1 ° C
Resolution (-200 to - 100 ° C)	0.1 ° C
Resolution (from -99.99 ... + 99.99 ° C)	0.01 ° C
Working temperature (max. Value)	+60 ° C
Working temperature (min. Value)	0 ° C
Working humidity (max. Value)	95% RH
Working humidity (min. Value)	10% RH

Features

Auto shut-off	After 20 minutes (can be deactivated)
Automatic brightness control	Yes (can be disabled)
Display	Color LCD, backlit
HOLD function	Yup
Min-max function	Yup
IP protection degree	IP56
Reading stability indicator	Yup
Entrances	Double 3-pin connector
Memory / Datalogger	1000 data
Sampling time	Manual / Automatic (1 min - 99 hours)
Diet	3 x 1.5V AA batteries
Battery life	> 550 hours
Dimensions (without probe)	185 x 85 x 45 mm
Weight (without probe)	400 g

Code	Description
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B4511082

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