

Easy Temp Series High Precision Thermometers



EasyTemp Tc

EasyTemp rtd

EasyTemp Multi

Accuracy up to $\pm 0.02\%$ of reading

Light, rugged and ergonomic

Ready to use on field and in laboratory

Circular 4 Wires connector for rtd and mini-din for Tc

High quality and modern design

Auto-detection 2,3 and 4 wires

Large graphic display backlighted

Rubber protection holster

Linearisation data entry for rtd and Tc



Easy Temp Series
High Precision Thermometers



The Hand-held high precision thermometers EastTemp series are able to measure Thermocouple signals (EastTemp TC), resistance signals (EasyTemp RTD) or both (EasyTemp Multi). The EasyTemp thermometers are compact lightweight and easy to use.

Probe	Range	Resolution	Accuracy	Probe	Range	Resolution	Accuracy
K	- 250 to - 200°C	0,20°C	0,90°C	Pt 50 (α=3851)	- 220°C+850°C	0,01°C	0,012 %±0,06°C
	- 200 to - 120°C	0,10°C	0,3°C		- 220°C+850°C	0,01°C	0,012 %±0,05°C
	- 120 to - 50°C	0,05°C	0,02 %±0,12°C	Pt 100 (α=3851)	- 220°C+850°C	0,01°C	0,012 %±0,05°C
	- 50 to + 1372°C	0,05°C	0,02 %±0,11°C		- 200°C+510°C	0,01°C	0,012 %±0,05°C
T	- 250 to - 200°C	0,2°C	0,80°C	Pt 100 (α=3916)	- 200°C+510°C	0,01°C	0,012 %±0,05°C
	- 200 to - 50°C	0,05°C	0,25°C		- 210°C+850°C	0,01°C	0,012 %±0,05°C
	- 50 to + 400°C	0,05°C	0,02 %±0,09°C	Pt 200 (α=3851)	- 220°C+1200°C	0,01°C	0,012 %±0,12°C
J	- 210 to - 200°C	0,05°C	0,30°C		- 220°C+1200°C	0,01°C	0,012 %±0,07°C
	- 200 to - 120°C	0,05°C	0,25°C	Pt 500 (α=3851)	- 220°C+1200°C	0,01°C	0,012 %±0,05°C
	- 120 to + 60°C	0,05°C	0,020 %±0,11°C		- 220°C+760°C	0,01°C	0,012 %±0,05°C
E	+ 60 to + 1200°C	0,05°C	0,020 %±0,09°C	Ni 100 (α=618)	- 60°C+180°C	0,01°C	0,012 %±0,03°C
	- 250 to - 200°C	0,1°C	0,55°C		- 40°C+205°C	0,01°C	0,012 %±0,03°C
	- 200 to - 100°C	0,05°C	0,20°C	Ni 1000 (α=618)	- 60°C+180°C	0,01°C	0,012 %±0,03°C
R	+ 100 to + 450°C	0,05°C	0,020 %±0,07°C		- 70°C+150°C	0,01°C	0,012 %±0,18°C
	+ 450 to + 1000°C	0,05°C	0,020 %±0,05°C	Cu 50 (α=428)	- 50°C+150°C	0,01°C	0,012 %±0,06°C
	- 50 to + 150°C	0,50°C	0,95°C		0 to 400 Ω	1mΩ	0,012%±10 mΩ
S	+ 150 to + 550°C	0,20°C	0,40°C	Ohm (Ω)	0 to 3600 Ω	10 mΩ	0,012%±10 mΩ
	+ 550 to + 1768°C	0,10°C	0,020 %±0,30°C				
	- 50 to + 150°C	0,5°C	0,85°C				
B	+ 150 to + 550°C	0,2°C	0,020 %±0,4°C				
	+ 550 to + 1768°C	0,1°C	0,020 %±0,3°C				
	+ 400 to + 900°C	0,2°C	0,95°C				
U	+ 900 to + 1820°C	0,1°C	0,50°C				
	- 200 to - 100°C	0,05°C	0,35°C				
	- 100 to + 600°C	0,05°C	0,20°C				
L	- 200 to - 100°C	0,05°C	0,30°C				
	- 100 to + 900°C	0,05°C	0,20°C				
	- 20 to + 900°C	0,1°C	0,30°C				
C	+ 900 to + 2 310°C	0,1°C	0,020 %±0,15°C				
	- 240 to - 190°C	0,2°C	0,60°C				
	- 190 to - 110°C	0,1°C	0,25°C				
N	- 110 to - 0°C	0,05°C	0,15°C				
	+ 0 to + 1300°C	0,05°C	0,020 %±0,07°C				
	- 100 to + 1400°C	0,05°C	0,3°C				
Platine	- 100 to + 1400°C	0,05°C	0,3°C				
Mo	0 to + 1375°C	0,05°C	0,020 %±0,10°C				
NiMoNiCo	- 50 to + 1410°C	0,05°C	0,020 %±0,35°C				
mV	- 10 to + 10mV	1μV	0,020%±3μV				

CJC accuracy : ± 0,3°C
Temperature Coefficient: <20ppm/°C from 0 to 18°C and 28 to 50°C

Ordering Codes:

- 3501 EasyTemp Tc
3502 EasyTemp rtd
3503 EasyTemp Multi

350X - A - 1 - B \ ENG

- Instruction manual (eng)
0-None
1-Traceable calibration certificate
Rubber holster
0- Alkaline batteries
1- Battery pack+charger EU
2- Battery pack+charger UK
3- Battery pack+charger USA
4- Battery pack+charger Schuko

ACCESSORIES:

- Soft carryng case (AC6908)
Test leads kit for electric signal(EE300040)
Mini-din compensated plug Types J,K,T,S

PROBES:

- Flexible type K sensor (T101)
Rigid K type sensor(T102)
Pt100 environment sensor (S101)
Pt100 immersion sensor (S102)

Measure specification:

- EasyTemp TC: 14 types of TC and mV
Easytemp RTD: 12 Types and ohm
EasyTemp Multi: 14 Types of TC, 12 Types RTD, mV and Ohm.

Technical specification:

Input the linearisation data for TC &RTD
Plug mini-din for TC and circular 4 wires connector for RTD

Scale function

Integrated data logger allow to display the measures into text orgraphic format
Bigger graphic display backlight5 languages menu
Supply: 4 AA alkaline batteries or battery pack with charger (option)
Reference condition: 23°C ± 5°C, relative humidity: 45 % to 75 %
Nominal using conditions: -10°C up to + 50°C, relative humidity: 20 % up to 80 % without condensation.

Limit stocking and transporting conditions: - 30°C up to + 60°C (without battery).
Electrical security according to EN61010
Electromagnetic compatibility of electrical equipment according to EN61326
Autonomy: up to 40 hours

Dimensions (without protectionsheath): 157x85x45 mm Weight: 306 g
Tightness: IP 54 according to EN 60529

Standard supply:

- Instrument
Rubber holster
4 AA batteries (alkaline)
Instruction manual
Transportation wrist-strap



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Specifications might change without notice