PORTABLE CALIBRATORS

Serie EasyCal
Single Function Calibrators

EasyCal rtd

The Hand-held calibrator EasyCal rtd is what the engineers needs for certificate all the resistance probes because it is able to measure and generate Ω signals and 12 types of rtd.
The Easycal calibrator is compact lightweight and easy to use.

MEASUREMENT/GENERATION				
Probe	Range	Resolution	Accuracy IN	Accuracy OUT
Pt 50 (α = 3851)	- 220°C + 850°C	0,01°C	0,012 %+ 0,06°C	0,012 %+ 0,18°C
Pt 100 (α = 3851)	- 220°C + 850°C	0,01°C	0,012 %+ 0,05°C	0,012 %+ 0,12°C
Pt 100 (α = 3916)	- 200°C + 510°C	0,01°C	0,012 %+ 0,05°C	0,012 %+ 0,12°C
Pt 100 (α = 3926)	- 210°C + 850°C	0,01°C	0,012 %+ 0,05°C	0,012 %+ 0,12°C
Pt 200 (α = 3851)	- 220°C + 1200°C	0,01°C	0,012 %+ 0,12°C	0,012 %+ 0,33°C
Pt 500 (α = 3851)	- 220°C + 1200°C	0,01°C	0,012 %+ 0,07°C	0,012 %+ 0,18°C
Pt 1000 (α = 3851)	- 220°C + 760°C	0,01°C	0,012 %+ 0,05°C	0,012 %+ 0,08°C
Ni 100 (α = 618)	- 60°C + 180°C	0,01°C	0,012 %+ 0,03°C	0,012 %+ 0,08°C
Ni 120 (α = 672)	- 40°C + 205°C	0,01°C	0,012 %+ 0,03°C	0,012 %+ 0,08°C
Ni 1000 (α = 618)	- 60°C + 180°C	0,01°C	0,012 %+ 0,03°C	0,012 %+ 0,08°C
Cu 10 (α = 427)	- 70°C + 150°C	0,01°C	0,012 %+ 0,18°C	0,012 %+ 0,10°C
Cu 50 (α = 428)	- 50°C + 150°C	0,01°C	0,012 %+ 0,06°C	0,012 %+ 0,15°C
Ohm	0 Ohm to 400 Ohm	1 mOhm	0,012%r + 10 mOhm	0,012%r + 30 mOhm
	0 Ohm to 3600 Ohm	10 mOhm	0,012%r + 100 mOhm	0,012%r + 300 mOhm

Temperature Coefficient: < 10 % of accuracy/°C.
For measurement, accuracy is given for a 4 wires connection. Sensor accuracy is not taken into account in this accuracy. Measuring current: 0.65 mA
Simulation current: de 0,1 mA à 1mA
Minimal Current pulse duration: < 1 ms

Technical specification:

Measure and generateThermoresistences and Ohm
Automatic and manual step generation
Operate with 12 types of rtd
Input the linearisation data for rtd
Circolar 4 wires connector
Scale function
Integrated datalogger allow to dysplay the measures into text or graphic format
Bigger graphic display backlight
5 lenguages 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 EN 61010
Electromagnetic compatibility of electrical equipment according to EN61326
Autonomy:up to 40 houres
Dimensions: 157x85x45 mm (without protection sheath)
Weight: 306 g
Tightness: IP 54 according to EN 60529

Ordering Codes:

3115 - A - 1 - B\ENG

Instruction manual (english)

0-None
1-Traceable calibration certificate

Rubber holster

0- Alcaline batteries
1-Rechargeable battery pack+charger EU
2-Rechargeable battery pack+charger UK
3-Rechargeable battery pack+charger USA
4-Rechargeable battery pack+charger Schuko

ACCESSORIES:
Soft carryng case (AC6908)
Test leads kit for electric signal(EE300040)
Circular 4 wires plug

Circular 4 wires connector

Standard supply:

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