

Multifunction Process Calibrator

Model No : TSC-07SP

TSC-07SP Process Calibrator is a handheld, battery-operated instrument that measures and sources a variety of electrical parameters. It can be widely applied in industrial fields and laboratories.

Special Features



1. Excellent field tool for Instrumentation engineer, System Integrators, Calibration Engineers.
2. All parameters in One device.
3. TFT Color Display.
4. Both source and measure function in One Device.
5. Powerfull function.
6. Easy to use.
7. RTD & 8 types of thermocouples(J, K, R, S, T, B, E, N).

Applications

1. Calibration Engineers for testing mV, mA, Temperature.
2. Smart multifunction process calibrator for System Integrators.
3. Loop calibrator function.
4. No External batteries, Rechargeble batteries.
5. Small unit, chargable with mobile charger.
6. All Parameters(24 VDC, RTD, Thermocouple(All Types) in One unit.

Technical Specification

Input signal						Output signal					
Type	Range	Accuracy	Resolution	Coefficient	Internal Impedance	Type	Range	Accuracy	Resolution	Coefficient	Internal Impedance
Current(mA)	0~24mA	0.1%	0.01mA	+25PPM	100Ω	Current(mA)	0~24mA	0.05%	0.001mA	+25PPM	100Ω
Voltage(V)	0~12V	0.1%	0.001V	+25PPM	500k	Voltage(V)	0~12V	0.05%	0.001V	+25PPM	500k
Fequency(Hz)	0~9999Hz	0.1%	5bit	+10PPM	1Mk	Passive current(XMT)	0~24mA	0.1%	0.001mA	+25PPM	100Ω
Millivolt(m V)	-10~110mV	0.1%	0.01mV	+25PPM	2Mk	4 V Loop	0~24mA	0.1%	0.01mA	+25PPM	100Ω
TC- S	0-1760°C	0.2%	1°C	+25PPM	2Mk	Fequency(Hz)	0~9999Hz	0.03%	5bit	+10PPM	1Mk
TC- B	0-1810°C	0.5%	1°C	+25PPM	2Mk	Millivolt(m V)	-10~110mV	0.05%	0.01mV	+25PPM	2K
TC- E	0-990°C	0.2%	1°C	+25PPM	2Mk	TC- S	0-1760°C	0.2%	1°C	+25PPM	2K
TC- K	0-1320°C	0.2%	1°C	+25PPM	2Mk	TC- B	0-1810°C	0.5%	1°C	+25PPM	2K
TC- R	0-1760°C	0.2%	1°C	+50PPM	2Mk	TC- E	0-990°C	0.2%	1°C	+25PPM	2K
TC- J	0-1190°C	0.2%	1°C	+25PPM	2Mk	TC- K	0-1320°C	0.2%	1°C	+25PPM	2K
TC- T	0-390°C	0.2%	1°C	+25PPM	2Mk	TC- R	0-1760°C	0.3%	1°C	+25PPM	2K
TC- N	0-1290°C	0.2%	1°C	+50PPM	2Mk	TC- J	0-1190°C	0.3%	1°C	+25PPM	2K
Pt100	-200~650°C	0.1%	0.1°C	+50PPM	2.5k	TC- T	0-390°C	0.2%	1°C	+25PPM	2K
Cu 50	-20~150°C	0.1%	0.1°C	+50PPM	2.5k	TC- N	0-1290°C	0.2%	1°C	+25PPM	2K
Resistor	0- 400Ω	0.1%	0.01Ω	+50PPM	2.5k	Pt100	-200~650°C	0.5%	1°C	+50PPM	---
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