

## ConST31X series Multifunction Calibrators

- ConST312 Multifunction Loop Calibrator
- ConST316 Multifunction Temperature Calibrator
- ConST317 Multifunction Process Calibrator
- ConST318 Intelligent Process Calibrator



- ◆ Sourcing, simulating and measuring pressure, temperature and electrical signals
- ◆ Automated cold junction compensation ability
- ◆ Reliable 30v mis-operation protection
- ◆ Building temperature readout



### Description

ConST31X Series Multifunction Process Calibrator, are customized for the calibration of thermodynamic instruments, pressure gauges and DCS system. The calibrator can not only source current, voltage, resistance, frequency, pulse and pressure, but also simulate the electrical signal output of thermocouple and thermal resistor. The calibrator let you measure current, voltage, resistance, frequency, pulse and On-Off. When connected to thermocouple and thermal resistor, high precision temperature measurement is available.

### Product Selection Sheet

Model Number	ConST318	ConST317	ConST316	ConST312
mV- Voltage	✓	✓	✓	✓
V-Voltage	✓	✓	✓	✓
mA- Current	✓	✓	✓	✓
Hz- Frequency	✓	✓	✓	
Pulse	✓	✓	✓	
Ω-Resistance	✓	✓	✓	✓
On-off	✓	✓	✓	✓
RTD(Pt1000, Pt,10, Ni100, ...etc)	✓	✓	✓	
TC(S, R, B, K, N, E, J, T, C, D,G,L, U)	✓	✓	✓	
Ramp /Step	✓	✓	✓	
24V loop power source	✓	✓	✓	✓
Simulate Transmitter	✓	✓	✓	
RS232 communication	✓	✓	✓	
Data logging function	✓	✓	✓	✓
External Pressure modules HART	✓	✓		
communication Ability	✓			