



## HS213 Temperature Calibrator

- ◆ Hart Communication
- ◆ Support thermocouple type S,R,B,K,N,E,J,T.
- ◆ Support thermal resistance type Pt10,Pt100,Cu50,Cu100.
- ◆ Accomplishing pressure calibrator together with digital pressure module.

### Product Description

**HS213 Temperature Calibrator** integrates temperature and pressure calibration function into one. It is very small, light weight, high precision, easy operation, and adopts the most popular touch-screen mode. It is widely used in power, oil , chemical, metallurgy ,metering etc.

### Function

- ◆ Simultaneously measure and output
- ◆ Measuring mV,current,resistance,thermocouple(three channel measuring),thermal resistance(double channel measuring).
- ◆ Output mV ,current,resistance,analog thermocouple,analog thermal resistance.
- ◆ Support thermocouple type S,R,B,K,N,E,J,T.
- ◆ Support thermal resistance type Pt10,Pt100,Cu50,Cu100.
- ◆ Calibrating temperature second instrument(temperature transmitter,temperature switch and so on).Analog temperature transmitter function.
- ◆ Calibrating Hart function pressure transmitter directly.
- ◆ Accomplishing pressure calibration together with digital pressure module.

### Features

- ◆ Rugged structure. Small & beautiful.
- ◆ Adopting the most popular touch-screen mode.
- ◆ Integrating temperature, pressure measuring into one.

- ◆ With HART Communication function.
- ◆ Calibrating Hart function pressure transmitter.
- ◆ With Restore factory settings function.

### Working environment

- ◆ Using environment temperature: (-5-45)°C
- ◆ Relative humidity : 20% - 90% No condensation
- ◆ Store environment temperature: (-20 - 55)°C
- ◆ Atmospheric pressure : (86~106)kPa
- ◆ Power supply: rechargeable battery or power adapter

### Technical Specification

Measure	Range	Resolution	Accuracy
mV	(-10.000~80.000)mV	0.1μV	±(0.01%R.D+0.005%F.S)
mA	(0~25.000)mA	0.1μA	±(0.01%R.D+0.005%F.S)
R	R-2W	(0~400.000)Ω	±(0.02%R.D+0.005%F.S)
	R-3W	(0~400.000)Ω	±(0.01%R.D+0.005%F.S)
	R-4W	(0~400.000)Ω	±(0.01%R.D+0.005%F.S)
Output	Range	Resolution	Accuracy
mV	(-10.000~80.000)mV	1μV	±(0.02%R.D+0.005%F.S)
mA	(1~24.000)mA	1μA	±(0.02%R.D+0.005%F.S)
R	(1.000~400.000)	10mΩ	±(0.02%R.D+0.005%F.S)
DC24	-----	-----	±0.1%F.S