



## KT-1825 Multifunction Process Calibrator



### Production Introduction:

KT-1825 multifunction calibration tools designed to calibrate almost anything. These calibration tools source and measure almost all process parameters. It can measure and source resistance, current, frequency, thermal resistance, thermocouple and these second instrument etc.

### Features :

- Accuracy: 0.05% Rdg
- A split-screen display. The upper display allows you to measure volts, current (with loop power), resistance and continuity test. The lower display allows you to measure and source volts, current, resistance temperature detectors (RTD), thermocouples (TC), frequency, and ohms.
- Calibrates a transmitter using the split-screen.
- The measure of thermocouple provides automatic reference junction
- Automatic and manual cold end temperature compensation for TC.
- Manual stepping and automatic stepping and ramping.
- Super-strong protection: The waterproof grade is IP67.
- Automatic protection against the signal terminals connect to the 220V.
- Support for PC communication
- Store environment temperature: (-20– 60)°C
- Relative humidity :0~ 90% RH No condensation
- Weight: 0.65Kg
- Size: 200mm×96mm×47mm
- Power supply: 6 R03-model rechargeable batteries or power adapter
- Communication mode: RS232



KDS INSTRUMENT CO.,LTD

**Technical Specification:**

Function	Measure	Source
DC V	0~50V (the upper display $\pm$ 30V)	0~10V
DC mA	0~24mA (the upper display $\pm$ 24mA)	0~24mA
DC mV	0~100mV (the upper display $\pm$ 200mV)	0~100mV
Frequency	1.000Hz ~ 100.00kHz	0.00Hz~20.000kHz
Resistance	0~3200 $\Omega$	0~3200 $\Omega$
RTD	Pt100, Pt1000, Cu50, Cu100	Pt100, Pt1000, Cu50, Cu100
TC	E,J,K,T,B,R,S,N	E、 J、 K、 T、 B、 R、 S、 N
Others	Stepping output, ramp, phase step output, user-defined range	

**Standard Accessories:**

- Hard spot test leads (one sets)
- One 12V/1A power adaptor 6 LR03-model (size 7)



**CARLSSOON TECHNOLOGIES SDN. BHD.** (1100021-K)