

The UT725 multifunction process calibrator combines temperature process calibrator and loop process calibrator functions. Users can easily measure and source most of the process parameters: mA, volts, temperature, frequency, ohms in one tool. UT725 is useful tool in a wide range of industrial applications.

Features

- Step/ramp functions
- Source and measure accuracy up to 0.02%
- Rechargeable battery
- Contrast adjustment
- Auto power off (Time adjustable)
- Stores and recalls setups
- USB communication
- Simultaneously measure and output different process signal in real time
- Pressure measure with specified pressure modules, and sourcing pressure
- Provides 24V loop power to transmitter while conducting mA current measurement at the same time



UT725

Type	Range	Accuracy
Certificates	CE, UKCA	
Measurement		
DC voltage (V)	50mV/500mV/50V	$\pm(0.02\%+2)$
DC current (mA)	20mA	$\pm(0.02\%+2)$
Loop current (mA)	20mA	$\pm(0.02\%+2)$
Resistance (Ω)	500 Ω /5000 Ω	$\pm(0.05\%+10)$
Frequency (Hz)	100Hz/1kHz/10kHz/100kHz	$\pm(0.01\%+1)$
Thermocouples	R,S,K,E,J,T,N,B,L,U,XK,BP	
RTDs	Pt100/Pt200/Pt500/Pt1000/Cu10/Cu50/Cu100/Pt100-392/Pt100-JIS/Ni120	
Continuity test	$\vee$	
Pulses (Hz)	1~15kHz (1~100000 periods)	
Source		
DC voltage (V)	100mV/1000mV/10V	$\pm(0.02\%+10)$
DC current (A)	20mA/20mA(SIM)	$\pm(0.02\%+2)$
Resistance (Ω)	400 Ω /4000 Ω /40k Ω	$\pm(0.05\%+10)$
Frequency (Hz)	200Hz/2000Hz/20kHz/100kHz	$\pm(0.01\%+1)$
Pulses (Hz)	100Hz/1kHz/10kHz	± 1
Thermocouples	R,S,K,E,J,T,N,B,L,U,XK,BP	
RTDs	Pt100-385/Pt100-392/Pt100-JIS/Pt200-385/P500-385/Pt1000-385/Cu10/Cu50/Cu100/Ni120	
Display count	20000	
Operating temperature	-10°C~55°C	
Characteristics		
Standard accessories	Test leads, USB cable, power adapter, temperature probe, English manual	
Power	1.2V x 6 AA rechargeable battery	
Product size	195 x 95 x 58mm	
Product net weight	650g	
Standard individual packing	Gift box, carrying bag	
Standard quantity per carton	1pc	
Standard carton measurement	305 x 85 x 260mm	
Standard carton gross weight	1.68kg	