

## UT715 Multifunction Loop Process Calibrator

The UT715 multifunction loop process calibrator, it measures and sources loop current and voltage. It is designed with 0.02% accuracy, adjustable backlight and auto power off. It is a powerful tool for calibration, repair, and maintenance of mA loops.

- 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
- Provides 24V loop power to transmitter while conducting mA current measurement at the same time



Type	Range	Accuracy
Certificates	CE, RoHS	
<b>Measurement</b>		
DC voltage (V)	200mV/30V	±(0.02%+2)
DC current (mA)	20mA	±(0.02%+2)
Loop current (mA)	20mA	±(0.02%+2)
Frequency (Hz)	100Hz/1kHz/10kHz/100kHz	±(0.01%+1)
Continuity test	v	
<b>Source</b>		
DC voltage (V)	100mV/1000mV/10V	±(0.02%+10)
DC current (mA)	20mA/20mA (SIM)	±(0.02%+2)
Frequency (Hz)	200Hz/2000Hz/20kHz	±(0.01%+1)
Pulses (Hz)	100Hz/1kHz/10kHz	±1
Loop power output	24V	±10%
Display count	20000	
Operation temperature	-10°C-55°C	
<b>GENERAL CHARACTERISTICS</b>		
Power	1.2V x 6 AA rechargeable battery	
Product net weight	650g	
Product size	195mm x 95mm x 58mm	
Standard accessory	Test lead, USB cable, power adapter, English manual	

## UT725 Multifunction Process Calibrator

The UT725 multifunction process calibrator combines with temperature process calibrator and loop process calibrator function. You can easily measure and source most of the process parameter: mA, volts, temperature, frequency, ohms in one tool.

- 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



Type	Range	Accuracy
Certificates	CE, RoHS	
<b>Measurement</b>		
DC voltage (V)	50mV/500mV/50V	±(0.02%+2)
DC current (mA)	20mA	±(0.02%+2)
Loop current (mA)	20mA	±(0.02%+2)
Resistance (Ω)	500Ω/5000Ω	±(0.05%+10)
Frequency (Hz)	100Hz/1kHz/10kHz/100kHz	±(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	v	
Pulses (Hz)	1-15kHz (1-100000 periods)	
<b>Source accuracy</b>		
DC voltage (V)	100mV/1000mV/10V	±(0.02%+10)
DC current (A)	20mA/20mA (SIM)	±(0.02%+2)
Resistance (Ω)	400Ω/4000Ω/40kΩ	±(0.05%+10)
Frequency (Hz)	200Hz/2000Hz/20kHz/100kHz	±(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	
Operation temperature	-10°C-55°C	
<b>GENERAL CHARACTERISTICS</b>		
Power	1.2V x 6 AA rechargeable battery	
Product net weight	650g	
Product size	195mm x 95mm x 58mm	
Standard accessory	Test lead, USB cable, power adapter, temperature probe, English manual	