

**Multi-function Process Calibrators**

Process Calibrators  
 Model: 11+ 14+ 15+



**Features**

Model	11+	14+	15+
Resistance measurement	3/4 wire	2/3/4 wire	---
Pressure measurement, pressure transmitter calibration	---	---	√
24V Loop power supply	---	---	√
25%/100% manual step, auto step, auto ramp	---	---	√
Double LCD display with backlight	√	√	√
Auto power-off	√	√	√
Charging function	√	√	√
Room temperature display	√	√	√

**General Information**

Model	11+ 14+ 15+
Power supply	4×1.5V AAA
Product color	Black + orange
Product size	205mm × 95mm × 42 mm
Product weight	500g
Standard accessories	Manual, test leads, alligator clips, fuse, thermocouple adapter

**Multi-function Process Calibrators**
**Specifications**

Range		Basic accuracy		
		11+	14+	15+
Model		11+	14+	15+
<b>Source function</b>				
	-10 ~ 1100mV	0.02%+0.01%	---	---
DC mV	-10.000~100.000mV	---	0.02%+0.01%	---
	-100~1100mV	---	---	0.02%+0.01%
DC V	-1 ~ 11V	0.02%+0.01%	---	0.02%+0.01%
	-0.1 ~ 1V	---	0.02%+0.01%	---
DC mA	0 ~ 22mA	0.02%+0.02%	---	0.02%+0.02%
Sink current	0 ~ 22mA	0.02%+0.02%	---	0.02%+0.02%
Resistance	0 ~ 40KΩ	0.02%+0.02%	---	---
	0 ~ 4KΩ	---	0.02%+0.02%	---
Frequency	1Hz ~100KHz	±2	---	---
	1Hz ~10KHz	---	---	±2
Pulse	1Hz ~10KHz	±2	---	±2
Switch	1Hz ~110KHz	±2	---	---
Thermocouple	10 types (R/S/K/E/J/T/B/N/L/U)	0.4°C	0.4°C	---
RTD	6 types (Pt100/Pt200/Pt500/Pt1000/Cu10/Cu50)	0.2°C	0.2°C	---
<b>Measurement function</b>				
DC mV	-5 ~ 550mV	---	0.02%+0.01%	---
	-20 ~ 220mV	---	---	0.02%+0.02%
DC V	-0.5 ~ 55V	---	---	0.02%+0.01%
DC mA	-4 ~ 55mA	---	---	0.02%+0.01%
Resistance	0 ~ 5.5KΩ	---	0.05%+0.02%	---
Frequency	3 ~50KHz	---	---	±2
Switch	CLOSE/OPEN	---	---	√
Pressure	Depends on the pressure module	---	---	√
Loop power supply	24V	---	---	±10%
Thermocouple	10 types (R/S/K/E/J/T/B/N/L/U)	---	0.7°C	---
RTD	6 types (Pt100/Pt200/Pt500/Pt1000/Cu10/Cu50)	---	0.5°C	---
Continuity	0 ~500Ω	---	≤50Ω Sound	---