

Multi-function Process Calibrators

Process Calibrators

Model: 24 25



Features

Model	24	25
Backlight	√	√
25%/100% manual step, auto step, auto ramp	√	√
Auto power-off	√	√
Charging function	√	√
Room temperature display	√	√
Low battery indication	√	√
Data analysis	Data hold, zeroing, average value	
Communication function	RS232, remote control by the software	

General Information

Model	24 25
Power supply	4×1.5V AAA
Product size	205mm×95mm× 42 mm
Product weight	500g
Standard accessories	Manual, test leads, alligator clips, fuse, thermocouple adapter

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Specifications

Range		Basic accuracy	
Model		24	25
Source function			
DC mV	-10 ~ 110mV	0.02%+0.01%	0.02%+0.01%
DC V	-0.1 ~ 11V	0.02%+0.01%	0.02%+0.01%
DC mA	0 ~ 22mA	0.02%+0.02%	0.02%+0.02%
Sink A	0 ~ 22mA	0.02%+0.02%	0.02%+0.02%
Resistance	0 ~40KΩ	0.02%+0.02%	0.02%+0.02%
Thermocouple	R/S/K/E/J/T/B/N	0.4°C	0.4°C
RTD	Pt100/Pt200/Pt500/Pt1000/Cu10/Cu50	0.2°C	0.2°C
Frequency	1Hz ~110KHz	±2	±2
Pulse	1 ~100000cyc	---	±2
Switch	1Hz ~110KHz	---	±2
Pressure	Depends on the pressure module	---	√
Measurement function			
DC mV	-5 ~ 550mV	0.02%+0.01%	0.02%+0.01%
DC V	-0.5 ~ 55V	0.02%+0.01%	0.02%+0.01%
DC A	-5 ~ 55mA	0.02%+0.01%	0.02%+0.01%
Resistance	0 ~5.5KΩ	0.05%+0.02%	0.05%+0.02%
Thermocouple	R/S/K/E/J/T/B/N	0.7°C	0.7°C
RTD	Pt100/Pt200/Pt500/Pt1000/Cu10/Cu50	0.3°C	0.3°C
Frequency	3Hz~50KHz	±2	±2
Switch	CLOSE/OPEN	---	200~300Ω
Pressure	Depends on the pressure module	---	√
Continuity beeper	0 ~500Ω	≤50Ωsound	≤50Ωsound
Loop power supply	24V	±10%	±10%