



77



79A



78/79

Project		77	78	79	79A	
Measurement	DC voltage	Range	±51V	±400V	±400V	±1000V
		The highest resolution	10mV	0.01mV	0.01mV	0.01mV
		Basic accuracy	0.5%	0.2%	0.2%	0.1%
	AC voltage	Range	510V	400V	400V	750V
		The highest resolution	100mV	0.1mV	0.1mV	0.1mV
		Basic accuracy	1.5%	0.5%	0.5%	0.5%
	Resistance	Range	5kΩ	40MΩ	40MΩ	50MΩ
		The highest resolution	1Ω	0.1Ω	0.1Ω	0.1Ω
		Basic accuracy	0.5%	0.2%	0.2%	0.1%
	DC current	Range	±22mA	±400mA	±400mA	±500mA
		The highest resolution	10uA	10uA	10uA	1uA
		Basic accuracy	0.2%	0.2%	0.2%	0.1%
	AC current	Range	N/A	400mA	400mA	500mA
		The highest resolution	N/A	10uA	10uA	1uA
		Basic accuracy	N/A	0.5%	0.5%	0.5%
Thermocouple	Range	N/A	N/A	R, S, B, E, K, J, T, N	R, S, B, E, K, J, T, N	
	The highest resolution	N/A	N/A	1°C	1°C	
	Basic accuracy	N/A	N/A	0.5%	0.5%	
RTD	Range	N/A	N/A	Cu50, Pt100	Cu50, Pt100	
	The highest resolution	N/A	N/A	1°C	1°C	
	Basic accuracy	N/A	N/A	0.5%	0.5%	
CAP	Range	N/A	N/A	N/A	100.0mF	
	The highest resolution	N/A	N/A	N/A	0.01nF	
	Basic accuracy	N/A	N/A	N/A	5%	
Frequency		N/A	10Hz~100kHz	10Hz~100kHz	10Hz~100kHz	
Diode test		✓	✓	✓	✓	
Continuity beeper		✓	✓	✓	✓	
Data hold		✓	✓	✓	✓	
Relative value measurement		N/A	✓	✓	✓	
Source	DC voltage	Range	N/A	-50.0mV~550.0mV -0.500V~5.500V	-10.00mV~110.00mV -0.5000V~5.5000V	-10.00mV~110.00mV -100.0mV~1100.0mV -1.000V~11.000V
		Resolution	N/A	0.1mV, 1mV	0.01mV, 0.1mV	0.001mV, 0.01mV, 0.1mV
		Basic accuracy	N/A	0.2%	0.2%	0.2%
	Resistance	Range	N/A	N/A	0~400.0Ω	0~400.0Ω
		Resolution	N/A	N/A	0.1Ω	0.1Ω
		Basic accuracy	N/A	N/A	0.2%	0.2%
	DC current	Range	22mA	22mA	22mA	33mA
		Resolution	0.001mA	0.01mA	0.001mA	0.001mA
		Basic accuracy	0.2%	0.2%	0.2%	0.2%
	Simulating transmitter		✓	✓	✓	✓
	25%、100%Step output		✓	✓	✓	✓
	Automatic ramp		N/A	✓	✓	✓
	Automatic step		N/A	✓	✓	✓
	Display current and % of span		✓	✓	✓	✓
	Loop power		24V	15V	15V	24V
Frequency		N/A	1.0Hz~11.0kHz	1.0Hz~11.0kHz	1.0Hz~11.0kHz	
Thermocouple		N/A	N/A	R, S, B, E, K, J, T, N	R, S, B, E, K, J, T, N	
RTD		N/A	N/A	Cu50, Pt100	Cu50, Pt100	
Loop detection	The 24V loop power supply and	✓	✓	✓	✓	
	Built in 250Ω	✓	✓	✓	✓	
Power Supply		2×1.5V AA Alkaline battery	4×1.5V AAA Alkaline battery	4×1.5V AAA Alkaline battery	4×1.5V AA Alkaline battery	
Auto Power-off		✓	✓	✓	✓	
Backlight		N/A	✓	✓	✓	
Safety		CAT IV 600V, Pollution degree 2	CAT III 600V, Pollution degree 2	CAT III 600V, Pollution degree 2	CAT IV 600V, Pollution degree 2	
Size		180×90×52	205×95×42	205×95×42	206×97×60	
Weight		About 400g	About 500g	About 500g	about 1600g	
Accessories		Test line, manual, fuse	Test line, manual, fuse	Test line, manual, fuse	Test line, manual, fuse	
Standard Quantity Per Carton		12pcs	10pcs	10pcs	6pcs	
Standard Carton Measurement		395mm*385mm*260mm	395mm*385mm*260mm	395mm*385mm*260mm	395mm*385mm*260mm	
Standard Carton Gross Weight		9.2Kg	9.8Kg	10.2Kg	10.5Kg	