

數位三用表

DIGITAL MULTIMETER



CE

ST-3201

ST-3201



CE

ST-3501

ST-3501

交流電壓 (AC V)	200/750V (40-400Hz) ±(1.5%讀值+4 位數)	2/20/200/750V (45-400Hz) ±(1.5%讀值+4 位數)
交流電流 (AC A)	—————	200uA/2/20/200mA ±(1.2%讀值+1 位數) 10A ±(2.0%讀值+3 位數)
直流電壓 (DC V)	200mV/2/20/200/1000V ±(0.5%讀值+1 位數)	200mV/2/20/200/1000V ±(0.5%讀值+1 位數)
直流電流 (DC A)	200uA/2/20/200mA ±(1.0%讀值+1 位數) 10A ±(2.0%讀值+3 位數)	200uA/2/20/200mA ±(1.0%讀值+1 位數) 10A ±(2.0%讀值+3 位數)
電阻 (Ω)	200Ω ±(1.0%讀值+3 位數) 2K/20K/200K/2MΩ ±(0.8%讀值+1 位數) 20MΩ ±(3.0%讀值+1 位數)	200Ω ±(1.0%讀值+3 位數) 2K/20K/200K/2MΩ ±(0.8%讀值+1 位數) 20MΩ ±(3.0%讀值+1 位數)
電容 (cx)	—————	2000PF/20/200nF/2/20uF ±(3.0%讀值+10 位數)
電池量測	1.5V 水銀電池 1.5V 9V 乾電池	—————
電晶體量測	有	有
二極體量測	有	有
液晶顯示器	3 1/2 位(最大讀值 1999)	
過載顯示	"1" 或 "-1"	
電源不足顯示	"BATT"	
操作環境	0°C ~40°C 最大相對濕度 80%	
使用電池	9V (6F22 006P)*1(個)	
外形尺寸	128(長)*72(寬)*33(高)公厘	
重量	183 克(ST-3201) 200 克(ST-3501)	
附件	測試線*1(組) 說明書*1(本) 軟袋*1(個) 電池	

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SPECIFICATIONS

DC Volts

Range	Resolution	Accuracy	Over voltage Protection
200mV	100nV	±(0.5%rdg+1dgt)	DC500V
2V	1mV		AC350V
20V	10mV		DC1200V
200V	100mV		AC800V
1000V	1V		

Input impedance: 10MΩ

DC Current

Range	Resolution	Accuracy	Over voltage Protection
200uA	100nA	±(1.0%rdg+1dgt)	325mV max
2mA	1uA		
20mA	10uA		
200mA	100uA	±(2.0%rdg+3dgt)	700mV max
10A	10mA		

Overload Protection 0.8A (250V) test blow fuse

AC Current(3501)

Range	Resolution	Accuracy 45Hz to 400Hz	Over voltage Protection
200uA	100nA	±(1.2%rdg+1dgt)	325mV max
2mA	1uA		
20mA	10uA		
200mA	100uA	±(2.0%rdg+3dgt)	700mV max
10A	10mA		

Overload Protection 0.8A (250V) test blow fuse

Resistance

Range	Resolution	Accuracy	Max Test Current	Max Open Circuit Voltage
200Ω	0.1Ω	±(1.0%rdg+3dgt)	3mA	3.2V
2KΩ	1Ω		250uA	
20KΩ	10Ω	±(0.8%rdg+1dgt)	50uA	0.3V
200KΩ	100Ω		5uA	
2MΩ	1KΩ		500nA	
20MΩ	10KΩ	±(3.0%rdg+1dgt)	50nA	

Overload Protection 500V DC/AC

FEATURES

- Display : 3 ½ digit liquid crystal display (LCD) with max. reading of 1999.
- Polarity : Automatic, (-) negative polarity indication.
- Zero Adjustment : Automatic.
- Over Range Indication : Highest digit of (1) or (-1) is displayed.
- Low Battery Indication : The (BAT) is displayed when the battery voltage drops below the operating voltage.
- Measurement Rate : 3 measurements per second, nominal.
- Operating Temperature : 0°C to 40°C 70% RH.
- Storage Temperature : -20°C to +60°C 80% RH, with battery removed.
- Accuracy : Accuracy specifications at 23 ± 5°C, less than 75% RH.
- Dimensions : 128(L) x 72(W) x 33(D)mm.
- Weight : Appro.200g(ST-3501), 183g(ST-3201)
- Power : 006P 9 volt batteryx1

AC Volts

Model	Range	Resolution	Accuracy	Over voltage Protection
3501	200mV	100uV	45Hz to 400Hz ±(1.2%rdg+4dgt)	DC500V
	2V	1mV		AC350V
	20V	10mV		
3201	200V	100mV	±(1.5%rdg+4dgt)	DC1200V
	750V	1V		AC800V

Input impedance: 10MΩ(3501)

Resistance

Range	Resolution	Accuracy	Max Test Current	Max Open Circuit Voltage
	0.1Ω	Built Buzzer sounds when resistance is less then 80Ω	1.5mA	3.2V

Overload Protection 500V DC/AC

Capacitance (3501)

Range	Resolution	Accuracy	Over voltage Protection
2000PF	1pF	±(3%rdg+10dgt)	500mV 400Hz
20nF	10pF		
200nF	100pF		
2uF	1nF		
20uF	10nF		

HFE Test	Base DC Current	Vce	HFE	BATT Range	TEST(3201) Load
	10uA	2.8±0.4V	0 to 1000	1.5V	10Ω

Diode	Test Current	Test Voltage	9V	900Ω
	1.0 ±0.6mA	3.2Max	1.5V	4Ω

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