

2000 COUNTS DIGITAL MULTI METER

Preliminary Data

AC CURRENT, DC VOLTAGE, AC VOLTAGE, RESISTANCE, DIODE TEST, CAPACITANCE, APO, hFE, Trms, (TEMPERATURE, FREQUENCY) - Optional



Features

- Display : 3 ½ Digits, 2000 Counts.
- Auto Power-Off : If the meter is idle for 15 minutes, the meter will automatically turn off.
- Operating Temperature & Humidity : 0°C ~ 40°C (32°F ~ 104°F & ≤ 80% RH
- Storage Temperature & Humidity : -10°C ~ 50°C (14°F ~ 122°F)
- Battery : 9V Battery (6F22)
- Low Battery Indication : "⎓" is displayed
- Data Hold
- Dimensions : 180 x 90 x 35mm (Approx.)
- Weight : 300gms. Approx (With Battery)
- Accessories : Test Leads x 1
Instruction Manual x 1
Carrying Case
K-Type Thermocouple Leads x 1 (R-603B)

DC Current

Range	Resolution	Accuracy	
		R-603A	R-603B
2mA	1µA	± 0.8% ± 2 digits	-
20mA	10µA	± 0.8% of reading ± 2 digits	
200mA	100µA	± 1.2% of reading ± 2 digits	
20A	10mA	± 2% of reading ± 5 digits	

AC Voltage

Range	Resolution	Accuracy	
		R-603A	R-603B
200mV	100µV	± 1.2% ± 3 digits	-
2V	1mV	± 0.8% of reading ± 3 digits	
20V	10mV		
200V	100mV		
750V	1V	± 1.2% of reading ± 3 digits	

AC Current

Range	Resolution	Accuracy	
		R-603A	R-603B
2mA	1µA	± 1.0% ± 3 digits	-
20mA	10µA	± 1.0% of reading ± 2 digits	
200mA	100µA	± 1.8% of reading ± 2 digits	
20A	10mA	± 3% of reading ± 7 digits	

Resistance

Range	Resolution	Accuracy	
		R-603A	R-603B
2mA	1µA	± 0.8% ± 2 digits	-
20mA	10µA	± 0.8% of reading ± 2 digits	
200mA	100µA	± 1.2% of reading ± 2 digits	
20A	10mA	± 2% of reading ± 5 digits	



Capacitance

Range	Resolution	Accuracy	
		R-603A	R-603B
2nF	1pF	± 3% of reading ± 3 digits	
20nF	10pF		
200nF	100pF		
2µF	1nF		
20µF	10nF		
200µF	100nF	± 4% of reading ± 5 digits	

DC Voltage

Measuring Range	Resolution	Accuracy
200mV	100µV	±(0.5% + 3dpts)
2V	1mV	
20V	10mV	
200V	100mV	
1000V	1V	±(0.8% + 3dpts)

Diode and Continuity

Range	Introduction	Remark
	The approx. forward voltage drop will be displayed	Open Circuit Voltage: about 3.0V
	The built-in buzzer will sound if the resistance is less than 30Ω	Open Circuit Voltage: about 3.0V

Frequency (R-603B ONLY)

Range	Resolution	Accuracy
200KHz	100Hz	± (2.0% of reading ± 10 digits)

Temperature (R-603B ONLY)

Range	Resolution	Internal Resistance
-40°C~400°C	1°C	1.2KΩ
401°C~1000°C	1°C	900Ω