

**Data Sheet**

**DM9C  
Digital  
Multi-Tester**



**Compact multimeter for industry or home**

- High-resolution, 4000-count autoranging
- 7 functions/23 ranges
- Battery Test Function with Go/NoGo LED indicator
- Industry standard test leads
- One-year warranty
- Protective holster included
- CAT II 600 V rated
- cCSAus approved

**Specifications** *Accuracies are indicated ± % of full scale values at (23 °C ± 5 °C; < 75 % R.H.)*

Function	Range	Accuracy
<b>Voltage</b>		
DC Voltage	400 mV, 4 V, 40 V, 400 V, 600 V	± (0.8 % rdg + 3 dgts)
Resolution	0.1 mV in 400 mV range	
Input Impedance	10 MΩ	
AC Voltage (40-400 Hz) accuracies apply to sine wave inputs only		
	4000 mV, 4 V, 40 V, 400 V, 600 V	± (1.3 % rdg + 5 dgts)
Resolution	1 mV in 4000 mV range	
Input Impedance	10 MΩ	
<b>Current</b>		
DC Current	40 mA, 400 mA 10 A*	± (1.5 % rdg + 3 dgts) ± (2 % rdg + 3 dgts)
Resolution	100 μA in 400 mA range	
AC Current (40-400 Hz)	40 mA, 400 mA 10 A*	± (1.5 % rdg + 3 dgts) ± (2 % rdg + 3 dgts)
Resolution	100 μA in 400 mA range	
Burden Voltage	40 mA, 400 mA 10 A	5 mV/mA 40 mV/A
<b>Resistance</b>		
	400 Ω, 4 kΩ, 40 kΩ, 400 kΩ, 4 MΩ, 40 MΩ	± (1.5 % rdg + 3 dgts)
Open Circuit Voltage	3.2 V dc in all ranges	
<b>Continuity Test</b>		
Buzzer Sounds at	< 60 Ω	
<b>Diode Test</b>		
Test Current	0.5 mA nominal	
Test Voltage	3.2 V dc nominal	
Display	Forward junction voltage	
<b>Overload Protection</b>		
Voltage, Resistance, Continuity	600 V ac/dc	
Current	500 mA/600 V, 10 A/600 V	

\*10 A for 10 minutes followed by 20 minutes cooling period.