

Data sheet

IDM 61

Digital Multimeter

FEATURE:

- 2000 count large scale digital display
- Autoranging and manual selection ACV, DCV, Ohm, Continuity and Diode function
- 0.5% basic DCV accuracy
- Data hold
- VoltSense™ feature (None contact voltage detection)
- Auto power off (Disable)
- Shock proof from 4 feet drops
- Probe holder and tilt stand
- Soft grips of over molding
- CAT.III 600V Safety standard

SPECIFICATION:(All at 23°C±5°C, ≤80% R.H.)

DC/AC Voltage

Range	AC Accuracy
200.0mV	Unspecified
2.0V	±(1.5%+5dgt) 50Hz~300Hz
20V~200V	±(1.5%+5dgt) 50Hz~300Hz
750V AC/1000V DC	

DC Accuracy: ±(0.5% + 2dgt)

DCV Resolution: 0.1mV

ACV Resolution: 1mV

Overload Protection: 1000V DC or 750 V AC rms

Input Impedance: 10MΩ // < 100pF

Resistance

Range	Accuracy	Voltage Burden
200.0Ω~ 200.0KΩ	±(0.7%+3dgt)	2V max
2.000MΩ	±(1.0%+3dgt)	
20.00MΩ	±(1.5%+3dgt)	

Open Circuit Voltage: -1.3V approx.


Diode & Continuity

Range	Resolution	Accuracy
9	10mV	±(1.5%+5dgt) For 0.4V ~ 0.8V

Open Circuit Voltage: 2V

Max.Test Current: 1.5mA
Overload Protection: 600V rms

General

Sampling Rate:	2 times/sec
Overload Indication:	“OL” or “-OL”
Low Battery Indication:	
Auto Power Off:	Approx. 10 minutes after last operation
Operating Temperature:	0°C ~30°C (≤ 80% R.H.), 30°C ~40°C (≤ 75% R.H.), 40°C ~50°C (≤ 45% R.H.)
Storage Temperature:	-20°C ~60°C
Temperature Coefficient:	0.2×(spec. Acc’y)/°C <18°C, >28°C
Safety:	IEC 61010-1: CAT.III 600V, CAT.II 1000V.
Power Requirement:	Two 1.5V Alkaline type AA batteries
Battery Life:	250hours(Alkaline)
Size:	74mm(W)×156mm(L)×44mm(H)
Weight:	320g(Including battery)
Accessories:	Battery (installed), Test Leads and User Manual.