

Auto Ranging Modern Digital Multimeter | 61 Series

61 series CAT IV safety rated multimeter is a feature rich auto ranging modern design digital multimeter which can serve both beginners & advanced electronic & electrical users.

Mid Range



Complies to: IEC61010



Features :

- MAX/MIN/REL modes
- Auto power off (61A/D)
- RS-232 / USB interface (61D/E)
- Analog bar graph
- True RMS (61D/E)
- NCV: EF (Electric Field) detection (61A)
- Transistor measurement (61A)
- Peak hold (61E)
- Range: Auto or Manual



Specifications :

Model Selection	61A	61D	61E
Auto Range		√	
True RMS	No	Yes	Yes
Display Count	4000	6000	22000
Analog Bar Graph	41 Segments	61 Segments	46 Segments
Bandwidth	45Hz-400Hz	45Hz-3kHz	45Hz-10kHz
Measurements			
DC Voltage	400mV/4V/40V/ 400V/1000V	60mV/600mV/6V/ 60V/600V/1000V	220mV/2.2V/22V/ 220V/1000V
Accuracy	± (0.5% + 1)	± (0.5% + 1)	± (0.1% + 2)
AC Voltage	400mV/4V/40V/ 400V/750V	60mV/600mV/6V/ 60V/600V/750V	220mV/2.2V/22V/ 220V/750V
Accuracy	± (1%+3)	± (1.0%+3)	± (0.8%+10)
DC Current	400μA/4000μA/40mA/ 400mA/4A/10A	600μA/6000μA/60mA/ 600mA/6A/10A	200μA/2200μA/22mA/ 220mA/2.2A/10A
Accuracy	± (1%+2)	± (1.0%+3)	± (0.5%+10)
AC Current	400μA/4000μA/40mA/ 400mA/4A/10A	600μA/6000μA/60mA/ 600mA/6A/10A	200μA/2200μA/22mA/ 220mA/2.2A/10A
Accuracy	± (1.2%+5)	± (1.2%+5)	± (0.8%+10)
Resistance	400Ω/4kΩ/40kΩ/ 400kΩ/4MΩ/40MΩ	600Ω/6kΩ/60kΩ/600kΩ/ 6MΩ/60MΩ	220Ω/2.2kΩ/22kΩ/ 220kΩ/2.2MΩ/220MΩ
Accuracy	± (1%+2)	± (1%+2)	± (0.5%+10)
Capacitance	40nF/400nF/4μF/40μF/400μF/4000μF		22nF/220nF/2.2μF/ 22μF/220μF/2.2mF/ 22mF/220mF
Accuracy		± (3%+5)	± (3.0%+5)
Frequency	10Hz-10MHz ± (0.1%+4)		10Hz-220MHz ± (0.01%+5)
Duty Cycle		0.1% ~ 99.9%	
Diode Test		√	
Continuity Buzzer		√	
NCV	√		—
Transistor Test	√		—
Data/Transmission			
RS-232 / USB	—		√
Display			
Max/Min		√	
Relative Mode		√	
Peak Hold	—		√
Analog Bar		√	
Data Hold		√	
LCD Backlight		√	
Other Features			
Input Impedance		≥10MΩ	
Category Safety Ratings		CAT III 1000V CAT IV 600V	
General Characteristics			
Size		180mm X 87mm X 47mm	
Weight		370g	
Power		9V Battery (6F22)	
Display		65mm x 43mm	
Standard Accessories	61A: Battery, Test Leads, Multi-Purpose Socket 61D/E: Battery, Test Leads, Multi-Purpose Socket, RS-232 Interface Cable, PC Software CD		