

Technical Specification for procurement of equipment.

1) Digital multimeter

	Voltage Measurement	Current	Resistance Measurement	Continuity Buzzer	Diode test	Capacitance	Frequency	Safety
AC	6.000/60.00/600.0V (auto range)	6.000/10.00A (auto range)	600.0Ω/6.000/60.00/600.0kΩ/6.000/40.00MΩ (auto range)	600Ω (Buzzer sounds below 90Ω)	Open-loop voltage: < 3.0V	60.00/600.0nF/6.000/60.00/600.0/1000μF	ACV	IEC 61010-1 CAT IV 300V / CAT III 600V
	600.0mV						99.99/999.9Hz/9.999/99.99kHz ACA 99.99/999.9Hz/9.999kHz	
DC	6.000/60.00/600.0V (auto range)	6.000/10.00A (auto range)	600.0Ω/6.000/60.00/600.0kΩ/6.000/40.00MΩ (auto range)	600Ω (Buzzer sounds below 90Ω)	Open-loop voltage: < 3.0V	60.00/600.0nF/6.000/60.00/600.0/1000μF	ACA	IEC 61010-1 CAT IV 300V / CAT III 600V
	600.0mV						99.99/999.9Hz/9.999kHz	

2) DC Power Supply

No. of Outputs	Display Type	Other Features
3 Channels; Two Adjustable 0-30V/5A; One Fixed 5V/3A	Quad 4 Digit LED Displays	Keyboard Lock to prevent accidental changing of set parameters Circuit protection for over load, short circuit and over temperature. Quiet variable speed fan USB and RS232 and Ethernet Ports to allow remote control

3) AC/DC Clamp Meter

	Voltage Measurement	Current	Resistance Measurement	Continuity Buzzer	Diode test	Capacitance	Frequency	Safety	Other Features
AC	660mV; 600V	66A/600A	660Ω/6.6kΩ/66kΩ/660kΩ/6.6MΩ/66MΩ	Present (Buzzer) <50±20Ω	Open Voltage 3.3V	1000nF/10μF/100μF/1000μF/10mF/100mF	660Hz/1kHz(A)	CAT III 600V	Display 6600 counts; Display Backlight
DC	660mV; 600V	66A/600A	660Ω/6.6kΩ/66kΩ/660kΩ/6.6MΩ/66MΩ	Present (Buzzer) <50±20Ω	Open Voltage 3.3V	1000nF/10μF/100μF/1000μF/10mF/100mF	660Hz/6.6kHz/10kHz (V)		