Specifications

AC Current

Range	Resolution	Accuracy	Overload Protection
60A	0.01A	±(2.0% +8 dgts)	600V RMS
600A	0.1A		

45Hz to 400Hz TRMS
Minimum current for Clamp measurement: 0.3A

DC Current

Range	Resolution	Accuracy	Overload Protection
60A	0.01A	±(2.0% +8 dgts)	600V RMS
600A	0.1A		

45Hz to 400Hz TRMS
Minimum current for Clamp measurement: 0.3A

AC Volts (45Hz to 400Hz)

Range	Resolution	Accuracy	Overload Protection
600mV	0.1mV	± (1.0% +3 dgts)	750V RMS
6V	1mV		
60V	10mV		
600V	100mV		
750V	1.0V		

45Hz to 400Hz True RMS

DC Volts

Range	Resolution	Accuracy	Overload Protection
600mV	0.1mV	± (0.5% +4 dgts)	1000V RMS
6V	1mV		
60V	10mV		
600V	1000mV		
1000V	1V	±(0.8% +5 dgts)	

45Hz to 400Hz True RMS

DC Low Amps

Range	Resolution	Accuracy	Overload Protection
600µA	0.1µA	± (1.2% +3 dgts)	2000µA/600V RMS
2000µA	1µA		

45Hz to 400Hz True RMS

AC Low Amps

Range	Resolution	Accuracy	Overload Protection
600µA	0.1µA	± (1.2% +3 dgts)	2000µA/600V RMS
2000µA	1µA		

45Hz to 400Hz True RMS

Resistance

Range	Resolution	Accuracy	Overload Protection
600Ω	0.1Ω	± (0.8% +3 dgts)	600V RMS
6kΩ	1Ω		
60kΩ	10Ω		
600kΩ	100Ω		
6MΩ	1kΩ		
60MΩ	0.01MΩ	± (1.2% +3 dgts)	

Frequency

Range	Resolution	Accuracy	Overload Protection
99.99Hz	0.01Hz	± (0.1% +3 dgts)	600V RMS
999.9Hz	0.1Hz		
9.999kHz	1Hz		
99.99kHz	10Hz		

Duty Cycle

Range	Resolution	Accuracy	Overload Protection
1.0 to 99%		±(0.2% per kHz + 0.1% + 5dgts)	600V RMS

Diode Test

Range	Open Circuit V	Test Current	Overload Protection
3.0V	<3.2V DC	0.25mA	600V RMS

Capacitance

Range	Resolution	Accuracy	Overload Protection
10.00nF	0.01nF	± (3.0% +5 dgts)	600V RMS
100.0nF	0.1nF		
1.000µF	0.001µF		
10.00µF	0.01µF		
100.0µF	0.1µF		
2000µF	1µF		

Continuity

Open Circuit V <1.00V	Overload Protection
Threshold Appox. <40Ω	600V RMS

Temperature

Range	Resolution	Accuracy	Overload Protection
-328°F to 999°F (-200° to 999°C)	0.1°F (0.1°C)	±(1.0% +3.6°F) ±(1.0% + 2.0°C)	30V RMS
1000°F to 2462°F (1000° to 1350°C)	0.1°F (0.1°C)	±(1.0% +3.0°F) ±(1.0% + 2.0°C)	

Downloads

Manual

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