



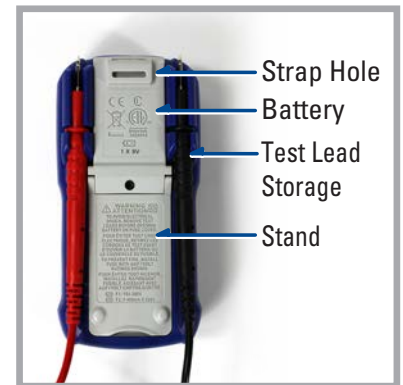
UTLDM2

Features

- CAT III 600V
- C-ETL-US Certification
- 6000 count display
- Auto Ranging
- 600V AC/DC
- 10A DC
- 1 Year Limited Warranty

Functions

- DC Voltage 600mV ~ 600V
- AC Voltage 6V ~ 600V
- AC/DC Current 600 μ A ~ 10A
- Resistance 600 Ω ~ 60M Ω
- Frequency 9.999Hz ~ 10MHz
- Duty Cycle 0.1 ~ 99.9%
- Capacitance 6nF ~ 60mF
- Diode
- Temperature -4°F ~ 1832°F
- Continuity



General Specifications

- Operating Category: 600V CAT III, pollution degree: 2.
- Operating Elevation (< 2000 m)
- Operating Conditions: 32~104°F (0~40°C), <80% RH (do not use meter when temperature <10°C).
- Storage Conditions: 14~140°F (-10~60°C), <70% RH (remove the battery).
- Temperature Coefficient: 1× Accuracy/°C (<18°C or >28°C).
- Maximum Voltage between measurement end and ground: 600V DC or 600V AC RMS.
- Fuse protection: mA Grade: fuse F600mA/600V and 10A Grade: fuse F10A/600V
- Sampling rate: about 3 times/second.
- Display: 3 3/4 bits of digit LCD display.
- Power supply: 1 x 9V battery.

Includes

- Digital Multimeter
- Test Leads
- Thermocouple
- 9V Battery
- Manual

Specifications

DC Voltage Measurement

Range	Resolution	Accuracy
600mV	0.1mV	± (0.5% + 2 dgts)
6V	1mV	
60V	10mV	
600V	100mV	

Overload protection: 600V RMS

AC Voltage Measurement

Range	Resolution	Accuracy
6V	1mV	± (1.0% + 5 dgts)
60V	10mV	
600V	100mV	

Overload protection: 600V RMS

DC Current Measurement

Range	Resolution	Accuracy
600 μA	0.1μA	± (1.0% + 5 dgts)
6000 μA	1μA	
60mA	0.01mA	
400mA	0.1mA	
10A	0.01A	± (2.0% + 8 dgts)

mA, μA Overload Protection: 250V RMS

10A Overload Protection: 600V RMS

AC Current Measurement

Range	Resolution	Accuracy
600 μA	0.1μA	± (1.0% + 5 dgts)
6000 μA	1μA	
60mA	0.01mA	
600mA	0.1mA	
10A	0.01A	± (2.0% + 8 dgts)

mA, μA Overload Protection: 250V RMS

10A Overload Protection: 600V RMS

Duty Cycle

Range	Resolution	Accuracy
1 to 99%	0.1%	± 2%

Diode Test

Range	Test Current	Open Circuit Voltage
0.5 to 2.7V	1.0mA	3.0V

Temperature

Range	Resolution	Accuracy
-20°C to 1000°C	1°C	± (2.0% + 2 dgts)
-4°F to 1832°F	1°F	± (2.0% + 4 dgts)

Overload Protection: 250V RMS

Resistance Measurement

Range	Resolution	Accuracy
600Ω	0.1Ω	± (0.8% + 3 dgts)
6kΩ	1Ω	
60kΩ	10Ω	
600kΩ	100Ω	
6MΩ	1kΩ	
60MΩ	10kΩ	

Overload protection: 250V RMS

Continuity Test

Overload Protection	Open Circuit Voltage
250V RMS	1.0V

Frequency Measurement

Range	Resolution	Accuracy
9.999Hz	0.001Hz	± (0.5% + 5 dgts)
99.99Hz	0.01Hz	
999.9Hz	0.1Hz	
9.999kHz	0.001kHz	
99.99kHz	0.01kHz	
999.9kHz	0.1kHz	
9.999MHz	0.001MHz	

Capacitance

Range	Resolution	Accuracy
9.999nF	0.001nF	± (4.0% + 5 dgts)
99.99nF	0.01nF	
999.9nF	0.1nF	
9.999μF	0.001μF	
99.99μF	0.01μF	
999.9μF	0.1μF	
9.999mF	0.001mF	
60mF	0.01mF	

Overload Protection: 250V RMS

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