



Test Equipment Depot - 800.517.8431 - TestEquipmentDepot.com

## 1000V Multimeter with HVAC functionality



**600V**  
CAT III

**1000V**  
CAT II

Designed by us, made by us

### Functions

- True RMS
- 1000V AC/DC
- 10A AC/DC
- Resistance 40MΩ
- Diode test
- Audible continuity
- Capacitance 9999μF
- Temperature -49° to 1112°F (-45° to 600°C)
- Microamps
- Milliamps

### Features

- Auto ranging
- Auto power off
- Min/Max
- Hold
- 1 ms Fast response Min/Max
- 6' drop protection
- IP42 ingress protection
- Low battery indicator
- Rubber boot w/ kick stand
- Test lead holders
- High resolution backlit display
- Fused test lead inputs
- 2-Year limited warranty

### ⚠ WARNING

The display will indicate "Lead" if the test lead input does not match the selected dial position.



### Includes

- Manual
- Batteries (AA) 2
- CAT III test leads
- Alligator clips
- Pouch
- Thermocouple
- Fast Fuse: 600ma/1000V and 11A/100V

### Applications

- Current measurements
- Measure electrical loads
- Motor or line current
- Measure circuit breakers
- Circuit continuity or specified resistance
- Control voltage or system board voltage checks
- Diode test malfunction/ unbroken paths
- Ambient or surface temperatures





## Specifications

### AC VOLTS

RANGES	ACCURACY	RESOLUTION	OVERLOAD PROTECTION
6 mV TO 1000V	45Hz to 500Hz 500Hz to 1kHz ±(1.0% +3 dgts) ±(2.0% +3 dgts)	0.1 mV to 1V	1000V

Minimum sensitivity: 0.5V AC (auto selection mode)

### ACmV

RANGES	ACCURACY	RESOLUTION	OVERLOAD PROTECTION
6mV	±(1.0% +3 dgts) ±(2.0% +3 dgts)	0.1mV	1000V

### DC VOLTS

RANGES	ACCURACY	RESOLUTION	OVERLOAD PROTECTION
6 mV to 1000V	±(0.5% +3 dgts)	0.1 mV to 1V	1000V

Minimum sensitivity: 0.5V DC (auto selection mode)

### DCmV

RANGES	ACCURACY	RESOLUTION	OVERLOAD PROTECTION
6 mV	±(0.5% +3 dgts)	0.1 mV	1000V

### AC AMPS

RANGES	ACCURACY	RESOLUTION	OVERLOAD PROTECTION
6A to 10A	±(1.5% +5 dgts)	0.001A to 0.01A	11A/1000V Fast fuse

Minimum sensitivity: 50µA AC (auto selection mode only)

Frequency bandwidth: 500Hz

### ACmA

RANGES	ACCURACY	RESOLUTION	OVERLOAD PROTECTION
60mA to 400mA	±(1.2% +5 dgts)	0.01mA to 0.1mA	600mA /1000V Fast Fuse

Minimum sensitivity: 5mA AC (auto selection mode only)

### ACµA

RANGES	ACCURACY	RESOLUTION	OVERLOAD PROTECTION
600µA to 6000µA	±(1.2% +5 dgts)	0.1µA to 1µA	600mA /1000V Fast Fuse

Minimum sensitivity: 50µA AC (auto selection mode only)

### DC AMPS

RANGES	ACCURACY	RESOLUTION	OVERLOAD PROTECTION
6A to 10A	±(1.2% +5 dgts)	0.001A to 0.01A	11A/1000V Fast fuse

Minimum sensitivity: 50µA DC (auto selection mode only)

### DCmA

RANGES	ACCURACY	RESOLUTION	OVERLOAD PROTECTION
60mA to 400mA	±(1.0% +3 dgts)	0.01mA to 0.1mA	600mA /1000V Fast Fuse

Minimum sensitivity: 5mA DC (auto selection mode only)

### DCµA

RANGES	ACCURACY	RESOLUTION	OVERLOAD PROTECTION
600µA to 6000µA	±(1.0% +3 dgts)	0.1µA to 1µA	600mA /1000V Fast Fuse

Minimum sensitivity: 50µA DC (auto selection mode only)

### RESISTANCE

RANGES	ACCURACY	RESOLUTION	OVERLOAD PROTECTION
600Ω to 6MΩ	±(0.8% +5 dgts)	0.1Ω to 0.001MΩ	600V
40MΩ	±(1.5% +5 dgts)	0.01MΩ	

### CAPACITANCE

RANGES	ACCURACY	RESOLUTION	OVERLOAD PROTECTION
10nF to 9999µF	±(3.0% +5 dgts)	0.01nF to 1µF	600V

	OPEN CIRCUIT VOLTAGE	AUDIBLE THRESHOLD	OVERLOAD PROTECTION
CONTINUITY	Approx.: <1.0V	Approx.: 40Ω	600V
DIODE	Approx.: <3.0V DC		

### TEMPERATURE

	RANGES	ACCURACY	RESOLUTION	OVERLOAD PROTECTION
°F	-32° to 999°F	±(1.5% + 3.6°F)	0.1°F	600V
	1000° to 2462°F	±(1.5% + 3.0°F)	1°F	
°C	-200° to 999°C	±(1.5% + 2.0°C)	0.1°C	
	1000° to 1350°C	±(1.5% + 2.0°C)	1°C	