

**UTL****UTL33T****Digital Multimeter w/Temperature**

## ***WIDE VARIETY OF USER-FRIENDLY FEATURES AND FUNCTIONS***

- AC & DC Voltage
- DC Current
- Temperature
- Diode & Continuity Resistance
- Transistor Test



# UTL33T • Digital Multimeter w/Temperature

The UTL33T offers a wide variety of user-friendly features and functions needed to help technicians successfully troubleshoot, repair and verify appliance operation, and its advanced design makes using this meter even easier than its "less capable" competition.

## The UTL33T has the following features:

- AC Voltage 200V/600V
- DC Voltage 200mV/2V/20V/200V/600V
- DC current 200 $\mu$ A/2mA/20mA/200mA/10A
- Temperature -4° ~1832°F
- Resistance 200 $\Omega$ /2k $\Omega$ /20k $\Omega$ /200k $\Omega$ /200m $\Omega$
- Audible continuity
- Data hold
- Impact resistant boot with a tilt stand
- Compact pocket-design fits easily in tight spaces
- One year limited warranty

## Specifications

### DC Voltage

Range	Resolution	Accuracy
200mV	100 $\mu$ V	±0.5% of reading ±2 digits
2V	1mV	
20V	10mV	
200V	100mV	
600V	1V	±0.8% of reading ±2 digits

### DC Current

Range	Resolution	Accuracy
2mA	1 $\mu$ A	±1% of reading ±2 digits
20mA	10 $\mu$ A	
200mA	100 $\mu$ A	±0.5% of reading ±2 digits
10A	10mA	±3% of reading ±2 digits

### AC Voltage

Range	Resolution	Accuracy
200V	100mV	±1.2% of reading ±10 digits
600V	1V	

### Transistor hFE Test (0-1000)

Range	Test Range	Test Current	Test Voltage
NPN & PNP	0-1000	I <sub>b</sub> =10 $\mu$ A	V <sub>ce</sub> =3V

### Resistance

Range	Resolution	Accuracy
200 $\Omega$	0.1 $\Omega$	±0.8% of reading ±3 digits
2k $\Omega$	1 $\Omega$	
20k $\Omega$	10 $\Omega$	±0.8% of reading ±2 digits
200k $\Omega$	100 $\Omega$	
2M $\Omega$	1k $\Omega$	±1.0% of reading ±2 digits

### Temperature

Range	Resolution	Test Range	Accuracy
°F	1°F	-4° to 32°F	±10% of reading ±2 digits
		32° to 752°F	±1.0% of reading ±2 digits
		752° to 1832°F	±2.0% of reading

