



### Fluke 1587 T Offers Features

- True RMS voltage and current for accurate measurements
- Digital display counts of 6000
- Auto-range and manual range for easy testing
- Selectable filter for accurate voltage and frequency measurements on motor drives
- Special remote control probe for easy and safe measurements
- Auto-discharge of capacitive voltage for added user protection
- Live circuit detection prevents insulation test if voltage > 30 V is detected for added user protection
- Auto power off to save batteries
- Large display with backlight
- Input Alert to warn for incorrect connections
- Continuity

### Fluke 1587 T Specifications

Insulation Specifications	
Measurement Range	0.01 to 100 M $\Omega$
Test Voltages	50 V, 100 V Accuracy: + 20%, -0%
Insulation Test Current	1 mA nominal

Auto Discharge	Discharge time < 0.5 s for C = 1 $\mu$ F or less
Maximum Capacitive Load	Up to 1 $\mu$ F load
<b>Multimeter Specifications</b>	
Voltage DC	Maximum: 1000 V Maximum Resolution: 1 mV Accuracy: $\pm$ (0.09% + 2)
Voltage AC	Maximum: 1000 V Maximum Resolution: 0.1 mV Accuracy: $\pm$ (2% + 3)
Current DC	Maximum: 400 mA Maximum Resolution: 0.01 mA Accuracy: $\pm$ (0.2% + 2)
Current AC	Maximum: 400 mA Maximum Resolution: 0.01 mA Accuracy: $\pm$ (1.5% + 2)
Resistance	Maximum: 50.0 M $\Omega$ Maximum Resolution: 0.1 $\Omega$ Accuracy: $\pm$ (0.9% + 2)
Capacitance	Maximum: 9999 $\mu$ F Maximum Resolution: 1 nF Accuracy: $\pm$ (1.2% + 2)
Frequency	Maximum: 99.99 kHz Maximum Resolution: 0.01 Hz Accuracy: $\pm$ (0.1% + 1)
Temperature	Maximum: -40 to 998.6°F (-40 to 537°C) Maximum Resolution: 32.1°F (0.1°C) Accuracy: $\pm$ (1% + 10)
<b>General Specifications</b>	
Temperature	Operating: -4 to 131°F (-20 to 55°C) Storage: -40 to 140°F (-40 to 60°C)
Power Supply	4 x AA Batteries (NEDA 15A or IEC LR6)
Battery Life	Meter: 1000 hrs Insulation Test: > 1000 tests

Dimensions	8 x 4 x 2" (203 x 100 x 50 mm)
Weight	1.2 lbs (0.55 kg)