

# Digital Multimeter, Datalogger

**MODEL: TES-2804**



## Features

- 50,000 Counts True RMS Reading
- Capacitance check (500nF-500μF)
- 15,000 Datalogging Capacity
- RS-232 Interface (Software included)
- Back Light Illumination

#135-**TES-2804**

## Specifications

Range	Resolution	Accuracy	Input Impedance	Overload Protection
500mV	10μV	0.09% rdg + 5 dgts	≧10M Ω	660Vrms

### DC Voltage (Autorange & Manual range)

Range	Resolution	Accuracy	Input Impedance	Overload Protection
0.5V	0.1mV	0.09% rdg + 5 dgts	≧10M Ω	660Vrms
5V	0.1mV			
50V	10mV			
500V	100mV			
600V	100mV			

### AC Voltage (Autorange & Manual range)

Range	Resolution	Accuracy	Input Impedance	Overload Protection
5V	0.1mV	0.9% rdg + 20 dgts	≧10M Ω	660Vrms
50V	1mV			
500V	10mV			
600V	100mV			

### Frequency (Hz) (Autorange)

Range	Resolution	Accuracy	Input Impedance	Overload Protection
500Hz	0.01Hz	0% rdg + 40dgts	200mV	660Vrms
5KHz	0.1Hz			
50KHz	1Hz			
500KHz	10Hz			
5MHz	100Hz			

**Audible continuity**

Range	Resolution	Open circuit Voltage	Continuity Beeper	Overload Protection
↻	0.01	≅ 3V	≤ Approx. 40Ω	660Vrms

**Resistance**

Range	Resolution	Accuracy	Open circuit Voltage	Overload Protection
500Ω	0.01Ω	0.3% rdg + 10dgts	3V	660Vrms
5KΩ	0.1Ω			
50KΩ	1Ω			
500KΩ	10Ω	0.9% rdg + 20dgts		
5MΩ	100Ω			
50MΩ	1KΩ	2% rdg + 20dgts		

**Diode Test**

Range	Resolution	Short circuit Current	Open circuit Voltage	Overload Protection
↻	0.1mV	0.8mA typical	3V	660Vrms

**Capacitance (F)**

Range	Resolution	Accuracy	Overload Protection
500nF	100pF	0.9% rdg + 20dgts	660Vrms
5μF	1nF		
50μF	10nF		
500μF	100nF		

**AC Current (Manual range & Autorange)**

Range	Resolution	Accuracy	Overload protection
5000μA	0.1μA	0.9% rdg + 20dgts	0,5A/600V
500mA	0.01mA		
10A	1mA		20A/600V

**DC Current (Manual range & Autorange)**

Range	Resolution	Accuracy	Overload protection
5000μA	0.1μA	0.5% rdg + 20dgts	0,5A/600V
500mA	0.01mA		
10A	1mA		20A/600V