



# Test Instruments

## Digital Multimeter (RS-232 Window Version)

### MODEL TES-2730

- Via RS-232 interface to talk with PC (Window/DOS Versions)
- Temperature °C/°F measurement



TES-2730

## Specifications for TES-2730

### Voltage (AC/DC)

Range: 200m/2/20/200/750(AC)/1000V(DC)  
 Accuracy: DC - ( 0.5% rdg + 1 dgt )  
 AC - ( 1.0% rdg + 5 dgts )

Resolution: 0.1m

Input Impedance: 10MΩ  
 Overload Protection: 600Vrms

### Resistance (Ω)

Range: 200/2K/20K/200K/2M/20M  
 Accuracy: 0.8% rdg + 2 dgts

Resolution: 0.1Ω

Overload Protection: 600Vrms  
 Max. Open Circuit Voltage: 3.2V  
 Max. Allowable Applied Voltage: 500Vrms

### Current (AC/DC)

Range: 200μ/2m/20m/200m/20A (AC/DC)  
 Accuracy: DC - ( 1.0% rdg + 1dgt )  
 AC - ( 1.2% rdg + 3dgts )

Resolution: 0.1μA

Burden Voltage: 0.35V  
 Overload Protection:  
 0.5A/250V Fast Blow Fuse & Diode 20A/380V

### Capacitance (F)

Range: 2000p/200n/2μ/20μF  
 Accuracy: 3% rdg + 10 dgts  
 Test Frequency: 400Hz

### Continuity Beeper:

Operation Resistance: Below 30Ω  
 Max. Open Circuit Voltage: 3.2V

### Diode Test:

Resolution: 1mV  
 Accuracy: 2% rdg + 2 dgts  
 Max. Test Current: 1.0mA  
 Max. Open Circuit Voltage: 3.2V

### Frequency (Hz)

Test Range: 10Hz to 20MHz (Auto Range)  
 Range: 2K/20K/200K/2M/20MHz  
 Resolution: 1 Hz  
 Accuracy: 0.5% rdg + 2 dgts  
 Input Sensitivity: 100mV  
 Max. Allowable Applied Voltage: 600Vrms.

### Temperature:

Range: -50°C to 1370°C  
 -50°F to 1999°F  
 Resolution: 0.1°C & 0.1°F  
 Sensor: "K" type

### Display:

3-1/2 Digital LCD Display  
 Maximum Reading 1999  
 Sampling Rate: 2.5 readings per second

### Operation/Storage

**Condition:**  
 0°C to 40°C < 80% R.H.  
 -10°C to 60°C < 70% R.H.  
 Power Source: one 9V Battery

### Size & Weight:

180mm(L) x 82mm(W) x 38mm(H) & 365g

### Accessories:

Test leads, Spare Fuse, Battery, Operation Instruction, Optional rubber holster, Connecting Cable & Software disc for TES-2730/2732

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