

The model 61 is 6 in 1 Digital Multimeter with Environment Measurement. It has been designed to combine the functions of Sound Level Meter, Light Meter, Humidity Meter, Temperature Meter & Non-contact AC voltage detector. The model 61 is without temperature (°F) range. They are ideal Multifunction Environment & DMM Instruments with scores of practical applications for professional and home use.

## Specification

### Characteristic

- digital LCD display with backlit
- non-contact AC voltage detector NCV
- humidity 33-99% RH
- light 4000-40000 Lux
- sound 35-100 dB
- built-in internal thermometer 0+50°C
- external temperature sensor (°C, °F)
- measuring capacitance and frequency 10 MHz
- duty cycle measurement
- acoustic continuity tester - Beeper
- diode and continuity
- automatic or manual measurement range selection
- function - HOLD and auto off time - Auto Power Off

### Safety conformance

- EN 61010-1 CAT IV 600 V, CAT III 1000 V
- 1000 V input protection on all ranges
- 10 A/1000 V i 0.4 A/1000 V fuses protection on current ranges

### Additional accessories

- test leads
- 9 V battery
- type K temperature probe
- gift box with carrying case



Function	Max. Range	Min. resolution	Accuracy
Voltage DC	600 V	0,1 mV	±0,5%
Voltage AC	600 V	0,1 mV	±1,2%
Current DC	10 A	0,1 μA	±1,0%
Current AC	10 A	0,1 μA	±1,0%
Resistance	40 MΩ	0,1Ω	±0,8%
Capacitance	100 uF	0.01 nF	±3,5%
Frequency electronic	10 MHz	0.001 Hz	±1,5%
Light	40.000 Lux	0,1 Lux	±5%
Sound	100 dB	0.1 dB	±3.5 dB
Humidity	95% RH	0,1% RH	±3,5%
Temperature	1200°C	0,1° do 400°C	±3%
Duty cycle	99,9%	0,1%	±1,2%
NCV detector	50-1000 V		
Diode and continuity	Voltage – 2,8 V DC Current – 1,4 mA		
Continuity	Threshold - 50Ω		
Dimensions [mm]	170x79x50		
Weight [g]	342g		

Ordering example:

**Multimeter DT-61**