



DT-61H

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.



Features

- The Sound Level function can be used to measure noise in factories, schools, offices and home, etc, checking acoustics of studios, auditoriums and hi-fi installations.
- The Light function is used to measure illuminance in the field. It is fully cosine corrected for the angular incidence of light. The sensitive component of light used in the meter is a very stable, long life silicon ciode.The Humidity/Temperature uses a humidity/semiconductor sensor and K type thermocouple.
- The DMM function include ACV, DCV, ACA, DCA Resistance, Capacitance, Frequency, Duty Cycle, Diode, Continuity test and Non-contact AC voltage detector.
- Backlight for LCD, knob Switch
- Built-in InfraRed Thermometer

Specifications			
Function	Max Range	Max. Resolution	Basic Accuracy
Light	20,000 Lux	0.1 Lux	±5%±10d
	40,000 Lux		
Sound	100dB	0.1dB	±3.5dB
Humidity	99%RH	0.1%RH	±3.5%RH
Temperature	-20 ~ 750 °C/ -4 ~1400°F	0.1° up to 400°,1° over 400°	±3%±3°C
IR			±3%±5°F
Temperature			±1%±1°C/1.8f
NCV	50-1000V		
Voltage DC	600V	0.1mV	±0.5%±2d
Voltage AC	600V	0.1mV	±1.2%±10d
Current AC	10A	0.1uA	±1.0%±2d
Current DC	10A	0.1uA	±1.0%±2d
Resistance	40MΩ	0.1Ω	±0.8%±2d
Capacitance	100uF	0.01nF	±3.5%
Frequency	10MHz	0.001Hz	±1.5%
Duty Cycle	99.9%	0.1%	±1.2%
Diode Check	Open voltage 2.8VDC; Test current 1mA		
Continuity Test	Threshold 30Ω		

Accessories: 9V battery, Test leads and K-Type temperature probe