

ST-61 6in1 DMM with Environment Measurement



product number:DT-61 6 in 1 Digital Multimeter with Environment Measurement

Categories:Digital Multimeter->BDigital Multimeter for special functions

6 in 1 Digital Multimeter with Environment Measurement have been designed to combine the functions of Sound Level Meter, Light Meter, Humidity Meter, Temperature Meter& Non-contact AC voltage detector. They are ideal multifunction environment & DMM instruments with scores of practical applications for professional and home use.

Accessories :9V battery, gift box with carrying case

Features:

The sound level function can be used to measure noise in factories, schools, offices, home, etc, checking acoustics of studios, auditoriums and hi-fi installations.

The light function is used to measure luminance in the field. It is fully cosine corrected for the angular incidence of light. The light sensitive component 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, AV=CA, DCA, resistance, capacitance, frequency, duty cycle, diode, continuity test and Non-contact AC voltage detector.

Specifications:

Function	Max. Range	Resolution	Accuracy
Light	20,000 Lux 40,000 Lux	0.1 Lux	+0.5%+10d
Sound	100dB 310dB	0.1 dB	+3.5% dB
Humidity	95% RH	0.1%RH	+5%RH
Temperature	1300°C 750°C/1400°F	0.1°C 0.1°C/0.1°F	+3%+1d +3%+2d
NCV	50-1000V		
Voltage DC	600V	0.1mV	+0.5%+2d
Voltage AC	600V	0.1mV	+1.2%+10d
Current DC	10A	0.1uA	+1.0%+2d
Current AC	10A	0.1uA	+1.0%+2d
Resistance	40MΩ	0.1Ω	+0.8%+2d
Capacitance	100uF	0.01nF	+3.5%
Frequency	100MHz	0.001Hz	+1.5%
Duty Cycle	99.9%	0.1%	+1.2%
Diode check	Open voltage 2.8V dc, Test current 1mA		
Continuity Test	Threshold 30Ω		

Size: 121x60.6x40mm



Weight: 280g

