6-IN-1 DIGITAL MULTIMETER
PLUS ENVIRONMENT MEASUREMENT TOOL

ST61 is a 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.

ST61 | 44488115

- **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 meter function** is used to measure illuminance in the filed. 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 includes ACV, DCV, ACA, DCA Resistance, Capacitance, Frequency, Duty Cycle, Diode, Continuity test and Non-contact AC voltage detector.

FEATURES:

- 6 in 1 multifunction multimeter, including DMM, sound level meter, light meter, humidity meter, tempearture meter and Non-contact AC voltage detector
- Safety design meets CAT IV 600V and CAT III 1000V
- Infrared probe for non-contact temperature measurement
- Double molded housing
- 4000 counts digital LCD display with back light
- Auto ranging • Data hold and relative function • Auto power off

NCV Indicator
Microphone Sensor
Light Sensor
Humidity/Temperature Sensor

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	95% RH	0.1% RH	±3.5% RH
Temperature	-20 ~ 750 °C	0.1 ° up to 400 °, 1° over 400 °	±3%±3°C
	-4 ~ 1400 °F	0.1 ° up to 400 °, 1° over 400 °	±3%±5°F
NCV	50-1000V		
Voltage DC	600V	0.1mV	±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	99.90%	0.10%	±1.2%
Diode check	Open voltage 2.8VDC, test current 1mA		
Continuity test	Threshold 30Ω		
Size (H x W x D): 170mm x 79mm x 50mm			
Weight: 342g			