

5-in-1 Digital Multimeter with Temperature, Humidity, Sound, and Light Measurement

This 5-in-1 digital multimeter features temperature, humidity, sound, and light testing capabilities. The meter has a backlight function and a 4 1/2 automatic range.



Overview

Professional 5-in-1 Multimeter

This versatile 5-in-1 digital multimeter is designed for demanding industrial environments, offering high-precision measurement capabilities for electrical and environmental parameters. It integrates voltage, resistance, capacitance, and frequency testing with environmental sensors for temperature, humidity, sound, and light. Built to international safety standards, this robust tool features an ergonomic design, automatic range selection, and a clear backlit display for reliable field use.

Measurement Capabilities

Key Measurement Ranges

600 V Max DC Voltage	40 MΩ Max Resistance	100 kHz Max Frequency	1000 $^{\circ}$C Max Temperature
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Full Measurement Specifications

Parameter	Range	Accuracy
DC Voltage	0.4V - 600V	+ 0.7%
AC Voltage	4V - 600V	+ 0.8%
Resistance	400 Ω - 40M Ω	+ 1.2% to 2%
Capacitance	4nF - 200 μ F	+ 3%
Frequency	10Hz - 100kHz	+ 2%
Humidity	30% - 95% RH	+ 5%
Luminosity	4000 - 40000 Lux	+ 5%
Sound Level	35 - 100 dB	+ 4dB

Technical Specifications

Safety Standards	IEC1010-1, CAT III 600V
Power Source	9V Battery (6F22)
Auto Shutdown	15 minutes
Dimensions	83 x 162 x 47 mm
Weight	310 g

Features

Key Features

- Auto and Manual Ranging
- Backlight Display
- Data Hold Function
- Relative Value Measurement
- Diode and Continuity Test
- Duty Cycle Measurement (0.1%-99.9%)
- Protective Ergonomic Casing