



XDM6000 Series

6 1/2 Digit Bench-type Digital Multimeter

- **True 6½-digit High Resolution**, delivers up to **2,200,000 counts** for precise and reliable measurements.
- Wide measurement range up to **3000V / 300A**, meets the special requirements of photovoltaic, energy storage, and new energy vehicle testing.
- High-speed measurement up to **10,000 rdgs/s**, greatly improves testing efficiency.
- Comprehensive **math functions**, include Max, Min, Average, Standard Deviation, Relative Measurement, Bar Graph, Histogram, Trend Chart, dB/dBm, Limit test, and more; perform data analysis directly on the instrument without extra software.
- **Built-in thermocouple cold junction compensation**, no need for external compensation hardware, saving accessory costs and improving temperature measurement accuracy.
- **Data Logger Function**: records all measurement values in CSV format, with a fastest logging interval of 1ms, 2M points capacity, and expandable to 100M points via USB drive.
- **2 Gb NAND Flash Storage**, stores large amounts of instrument setup files and data files.
- Multiple Interfaces: USB Device / Host, LAN, RS-232; supports standard SCPI commands for easy integration into automated test systems.
- **4.3-inch** high-resolution **touchscreen**, intuitive operation and graphical display allow engineers to get started faster, reduce operation time, and enhance visualization experience.

+ Specifications XDM6061, XDM6061-H

Function	Range	Temperature Coefficien Accuracy Specification: ±(%Reading + %FS)
DC Voltage	200.000mV – 1000.000V (XDM6061) 200.000mV – 3000.000V (XDM6061-H)	0.0035±0.0006
AC Voltage (True RMS)	200.0000mV - 750.0000V	0.06+0.04
DC Current	200.0000µA - 10.00000A (XDM6061) 200.0000µA - 300.00000A (XDM6061-H)	0.050+0.003
AC Current (True RMS)	200.0000µA - 10.00000A	0.10+0.04
Resistance	200.0000Ω - 100.0000MΩ	0.010+0.001
Diode Test	0 - 5V	0.010+0.020
Continuity Test	2000.0 Ω	0.010+0.020
Frequency / Period	3Hz - 1MHz	0.007
Capacitance	2.0000nF - 100.00mF	1 + 0.3
Temperature	thermocouple (ITS-90 conversion between B / E / J / K / N / R / S / T type) thermal resistance (RTD sensor conversion between Pt100 and Pt385 type) 2-wire and 4-wire thermistors (5 kΩ 44007 type)	
Mathematical Functions	Min, Max, Avg, Std Dev, dBm, dB, Limit, Relative, Histogram, Trend Chart, Bar Chart	
Trigger	External Trigger, VMC out	
Data-logger Function		
Logging Duration	1ms-1000s	
Logging Length	2M points (Internal memory)	
General		
Dimension (W x H x D)	346mm x 260 mm x 107 mm	
Weight	3.4kg (without package)	

Specifications subject to change without prior notice.

+ Accessories The accessories subject to final delivery.



Power Cord



Manual



USB Cable



Multimeter Lead



Alligator Clip



Kelvin Clip (optional)