



KEY FEATURES

- **True 6¹/₂-digit resolution, 2,200,000 counts**
- **Measurement range: 1000V / 10A**
- **High-speed measurement up to 10,000 rdgs/s**
- **Extensive math function**, include Max, Min, Average, Standard Deviation, Bar Graph, Relative Measurement, Histogram, Trend Chart, dB/dBm, Limit test, and more
- **Built-in thermocouple cold junction compensation**, no need external compensation
- **Data logger function**: 1ms logging interval, up to 2M points - possible to expand to 100M points with USB flash memory
- **2 GB NAND flash storage**, stores large amounts of instrument setup files and data files.
- **Multi- CI**: USB device / USB host, RS232, LAN, SCPI commands supported
- **4.3-inch high-resolution touchscreen LCD**



/ Performance Specification /

Specifications subject to change without prior notice.

Accuracy Specification: $\pm(\% \text{Reading} + \% \text{FS})$

Function	Range	Best Accuracy	Temperature Coefficient
DC Voltage	200.000mV - 1000.000V	0.0035 ± 0.0006	0.0005 + 0.0001
AC Voltage (True RMS)	200.0000mV - 750.0000V	0.06 + 0.04	0.005 + 0.004
DC Current	200.0000μA - 10.00000A	0.050 + 0.003	0.0020 + 0.0005
AC Current (True RMS)	200.0000μA - 10.00000A	0.10 + 0.04	0.015 + 0.006
Resistance	200.0000Ω - 100.0000MΩ	0.010 + 0.001	0.0006 + 0.0001
Diode Test	0 - 5V	0.010 + 0.020	0.0010 + 0.0020
Continuity Test	2000.0 Ω	0.010 + 0.020	0.0010 + 0.0020
Frequency / Period	3Hz - 1MHz	0.007	0.001
Capacitance	2.0000nF - 100.00mF	1 + 0.3	0.01 + 0.01
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 / 4-wire thermistor (5kΩ 44007 type)	0.16°C	0.01°C
Math Function	Min, Max, Avg, Std Dev, dBm, dB, Limit, Relative, Histogram, Trend Chart, Bar Chart		
Trigger	external trigger, VMC		
Data-logger Function			
Logging Duration	1ms - 3600s		
Logging Length	2M points (internal memory)		
General			
Dimension (W / H / D)	346 x 260 x 107 mm		
Device Weight	about 3.40 kg		

/ Accessories / The accessories subject to final delivery.



Quick Guide



Power Cord



USB Cable



K-type
Thermocouple



Multimeter
Leads



Kelvin Clip
(optional)