Digital Multimeter

Hioki DT-4261

Hioki DT4261 Digital Multimeter can be connected to a computer via USB, allowing measurement data to be transferred to Hioki's software for further analysis and reporting. Overall, the Hioki 4261 is a high-precision multimeter that is suitable for a wide range of electrical measurement applications. Its accuracy, safety features, and data logging capabilities make it a useful tool for professionals and hobbyists alike.

Hioki DT4261 digital multimeter is designed to measure various electrical parameters accurately and efficiently. It has a large, backlit display that makes it easy to read measurements even in low light conditions. IN addition to its accuracy, the Hioki DT4261 digital Multimeter also has various safety features. It is designed to meet safety standards such as CAT IV 600V, CAT III 1000V, and EN61010-1. It also has an auto power-off function to conserve battery life. The meter also has a data logging function that can record up to 1000 sets of measurement data. This makes it useful for applications where it is necessary to track and analyze multiple measurements over time.

Applications:

Electrical maintenance and troubleshooting, HVAC systemm aintenance, Automotive repair, Laboratory research, Electronics manufacturing, Renewable energy systems.

Manufacturer	Hioki
Model No	DT4261
Measuring Parameters	AC/DC voltage, AC/DC current, resistance, capacitance, frequency, temperature, and continuity.
DC Voltage	600.0 mV to 1000 V, 5 ranges, Basic accuracy: ±0.15% rdg. ±2 dgt.
AC Voltage	6.000 V to 1000 V, 4 ranges, Frequency characteristics: 40 Hz to 1 kHz Basic accuracy 40 Hz - 500 Hz: ±0.9% rdg. ±3 dgt. (True RMS, crest factor 3 or less)
DC + AC Voltage range	6.000 V to 1000 V, 4 ranges, Frequency characteristics: DC, 40 Hz to 1 kHz Basic accuracy DC, 40 Hz - 500 Hz: ±1.0% rdg. ±13 dgt. (True RMS, crest factor 3 or less)
LoZ V	600.0 V, 1 range, Frequency characteristics: DC, 40 Hz to 1 kHz Basic accuracy DC, 40 Hz - 500 Hz: ±1.0% rdg. ±13 dgt. (True RMS, crest factor 3 or less)
Resistance	600.0 Ω to 60.00 MΩ, 6 ranges, Basic accuracy: ±0.7% rdg. ±3 dgt.
DC Current	600.0 mA to 10.00 A, 3 ranges Basic accuracy: ±0.5% rdg. ±3 dgt.
AC Current	600.0 mA to 10.00 A, 3 ranges Basic accuracy 40 Hz - 500 Hz: ±1.4% rdg. ±3 dgt. (True RMS, crest factor 3 or less) Frequency characteristics: 40 Hz to 1 kHz
AC Current range (use with Clamp on probes)	10.00 A to 1000 A, 7 ranges Basic accuracy 40 Hz - 500 Hz: Add the Clamp on probe accuracy to ±0.9% rdg. ±3 dgt. (True RMS, crest factor 3 or less)
Capacitance	1.000 µF to 10.00 mF, 5 ranges, Basic accuracy: ±1.9% rdg. ±5 dgt.
Continuity Check	Continuity threshold ON : 25 Ω, Continuity threshold OFF : 245 Ω, Response time: 0.5 ms or more
Diode Test	Open terminal voltage: 2.0 V or less, Testing current: 0.2 mA or less, Threshold of forward voltage: 0.15 V to 1.8 V
Voltage Frequency Range	99.99 Hz to 99.99 kHz, 4 ranges (Limited by minimum sensitivity voltage) Basic accuracy: ±0.1% rdg. ±1 dgt.
Current frequency range	99.99 Hz to 9.999 kHz, 3 ranges (Limited by minimum sensitivity current) Basic accuracy: ±0.1% rdg. ±1 dgt.
Display	Main and sub displays: 4-digits LCD, max. 6000 digits (excluding frequency measurement), bar-graph
Display refresh rates	5 times/s (Capacitance measurement: 0.05 to 5 times/s, depending on measured value, Frequency: 1 to 2 times/s)
Power Supply	LR6 (AA) alkaline batteries × 3, Continuous operating time: 130 hr. (without Z3210 installed), 70 hr. (with Z3210 installed and using wireless communications)
Supply Scope	Test Lead L9300 × 1, Instruction Manual × 1, LR6 (AA) alkaline battery × 3, Operating Precautions ×1
Dimension	87 mm (3.43 in.) W × 185 mm (7.28 in.) H × 47 mm (1.85 in.) D, 480 g (16.9 oz.) (with test leads holder and batteries)