

# Digital Multimeter

## Hioki DT4256

Hioki 4256 Digital Multimeter is a reliable and versatile multimeter that offers high accuracy, multiple measurement functions, and advanced data logging capabilities. It is suitable for use in a wide range of applications, from basic electrical testing to advanced research and development.

**Applications: Laboratory research, industrial maintenance, and electrical engineering**

*Hioki 4256 digital multimeter (DMM) that is designed to measure various electrical parameters such as voltage, current, resistance, frequency, and temperature. It is a high-precision instrument that is suitable for use in a wide range of applications, including laboratory research, industrial maintenance, and electrical engineering. This Multimeter can store measurement data internally, allowing users to log and analyze data over time. It can also transfer data to a PC via a USB interface.*



Manufacturer	Hioki
Model No	DT4256
Measuring Parameters	AC Current, AC Voltage, Capacitance, Continuity, DC Current, DC Voltage, Diode Test, Frequency, Resistance
DC Voltage	600.0 mV to 1000 V, 5 ranges Basic accuracy: $\pm 0.3\%$ rdg. $\pm 3$ dgt.
AC Voltage	6.000 V to 1000 V, 4 ranges, Frequency characteristics: 40 Hz to 1 kHz Basic accuracy 40 - 500 Hz : $\pm 0.9\%$ rdg. $\pm 3$ dgt. (True RMS, crest factor 3)
AUTO AC/DCV	Yes
Resistance	600.0 $\Omega$ to 60.00 M $\Omega$ , 6 ranges, Basic accuracy: $\pm 0.7\%$ rdg. $\pm 3$ dgt.
DC Current	60.00 mA to 10.00 A, 4 ranges, Basic accuracy: $\pm 0.9\%$ rdg. $\pm 3$ dgt.
AC Current	600.0 mA to 10.00 A, 3 ranges, Basic accuracy 40 - 500 Hz : $\pm 1.4\%$ rdg. $\pm 3$ dgt. (True RMS, crest factor 3, 40 Hz to 1 kHz)
Voltage detection (50/60 Hz)	Hi: AC40 V to 600 V, Lo: AC80 V to 600 V
Capacitance	1.000 $\mu$ F to 10.00 mF, 5 ranges, Basic accuracy: $\pm 1.9\%$ rdg. $\pm 5$ dgt.
Frequency	99.99 Hz (5 Hz or more) to 99.99 kHz, 4 ranges (limited by the minimum detectable voltage and current), Basic accuracy: $\pm 0.1\%$ rdg. $\pm 1$ dgt.
Continuity Check	Continuity threshold [ON]: 25 $\Omega$ or less (Indicate buzzer sound, red LED), [OFF]: 245 $\Omega$ or more, Response time: 0.5 ms or more
Diode Test	Open terminal voltage: 5.0 V or less, Testing current 0.5 mA or less, Threshold of forward voltage: 0.15 V to 1.5 V
Display	Main and Sub displays: 4-digits LCD, max. 6000 digits, bar graph
Supply Scope	Test lead L9207-10 $\times 1$ , Holster $\times 1$ , Instruction manual $\times 1$ , LR03 alkaline battery $\times 4$
Dimension	84 mm (3.31 in)W $\times$ 174 mm (6.85 in)H $\times$ 52 mm (2.05 in)D, 390 g (13.8 oz) (including batteries and holster)

Temp | Humidity | Pressure | Differential Pressure | Vacuum | Gases | Particle | Air Flow  
Moisture | Dissolved Oxygen | Radiation | Air Quality | Light / Lux | Distance | Vibration

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<https://youtube.com/instrukartholdings>

