

# Digital Clamp Meter

## Hioki 4371-50

Hioki 4371-50 digital clamp meter is designed for measuring AC current up to 2,000A. It features a 55mm diameter jaw that can be opened up to 50mm to accommodate thick cables and bus bars. The meter is also capable of measuring AC voltage, resistance, and frequency. the Hioki 4371-50 Clamp Meter is a reliable and versatile tool for electricians, technicians, and other professionals who need to measure AC current in a variety of settings.

**Applications:** *Electrical maintenance, Industrial maintenance, HVAC maintenance, Energy auditing.*

### Feature of Hioki Digital Clamp Meter

- The meter is capable of measuring True RMS values of AC current and voltage, which ensures accurate readings even for distorted waveforms.
- The meter has a large, easy-to-read backlit display that shows the measured values as well as various indicators such as battery level and data hold.
- The data hold function allows you to freeze the displayed value on the screen, making it easier to record the measurement.
- The meter automatically selects the appropriate range for the measured parameter, making it easy to use for a variety of applications.
- The meter also features a non-contact voltage detection function that alerts you to the presence of AC voltage without the need for direct contact.





Manufacturer	Hioki
Model No	4371-50
Measuring Parameters	AC Current, AC Voltage, Resistance, Frequency, Continuity.
DC Current	20.00 A/600.0 A, Basic accuracy: $\pm 1.3\%$ rdg. $\pm 0.08$ A (20 A range)
AC Current	20.00 A/600.0 A (10 Hz to 1 kHz, True RMS), Basic accuracy: 45-66 Hz: $\pm 1.3\%$ rdg. $\pm 0.08$ A (at 20 A)
Crest Factor	20.00 A range: 7.5 600.0 A range: 3 or less
DC+AC Current range	20.00 A/600.0 A (10 Hz to 1 kHz, True RMS), Basic accuracy DC, 45-66 Hz: $\pm 1.3\%$ rdg. $\pm 0.13$ A (at 20 A)
DC Voltage	600.0 mV to 1000 V (When using P2000: 600.0 V to 2000 V)
AC Voltage	6.000 V to 1000 V, 4 ranges (15 Hz to 1 kHz, True RMS), Basic accuracy 45 - 66 Hz: $\pm 0.9\%$ rdg. $\pm 0.003$ V (at 6 V)
DC+AC Voltage range	6.000 V to 1000 V, 4 ranges, Basic accuracy DC, 45 - 66 Hz: $\pm 1.0\%$ rdg. $\pm 0.013$ V (at 6 V)
Resistance	600.0 $\Omega$ to 6.000 M $\Omega$ , 5 ranges, Basic accuracy: $\pm 0.7\%$ rdg. $\pm 0.5$ $\Omega$ (at 600 $\Omega$ )
Capacitance	1.000 $\mu$ F to 1000 $\mu$ F, 4 ranges, Basic accuracy: $\pm 1.9\%$ rdg. $\pm 0.005$ $\mu$ F (at 1 $\mu$ F)
Frequency	9.999 Hz to 999.9 Hz, 3 ranges, Basic accuracy: $\pm 0.1\%$ rdg. $\pm 0.003$ Hz (at 9.999 Hz)
Temperature	-40.0 to 400.0 $^{\circ}$ C, add temperature probe accuracy to basic accuracy of $\pm 0.5\%$ rdg. $\pm 3.0$ $^{\circ}$ C
Voltage Detection	Hi: 40 V to 600 V AC, Lo: 80 V to 600 V AC, 50/60 Hz
Enclosure	IP54
Power Supply	LR03 Alkaline battery $\times 2$ Continuous use: 40 hr (without Z3210 installed), 20 hr. (with Z3210 installed and using wireless communications)
Supply Scope	Test Lead L9300, Carrying Case C0203, LR03 Alkaline battery $\times 2$ , Instruction Manual $\times 2$ , Operating Precautions $\times 1$
Dimension	65mm x 215mm x 35mm
Weight	340 Grams

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

## Instrukart Holdings

Ph : +91 (40)40262020 | Mob : +91 88865 50506;  
Email : info@instrukart.com | www.instrukart.com  
Head Office: #18,Street-1A, Czech Colony, Sanath Nagar, Hyderabad -500018, INDIA.

 <https://youtube.com/instrukartholdings>

