ETCR METER®

GUANGDONG ETCR ELECTRONIC TECHNOLOGY CO.,LTD.

EM6440C

Clamp Multimeter

PRODUCT FUNCTION

- Measurement of AC and DC current, AC and DC voltage, resistance, capacitance, diodes, and circuit continuity. It features MAX and MIN value locking, INRUSH surge current measurement, VFD frequency conversion measurement, flashlight illumination, temperature measurement, automatic shutdown, NCV non-contact AC voltage detection, Live hot wire identification, full-range overload protection, and low battery indication.



PRODUCT FEATURES

- Supporting iFlex flexible clamp can extend the AC current measurement range to 3000A.
- It features a low-impedance LOZ AC / DC voltage auto-identification function and true RMS measurement.
- The perfect combination of clamp meter and multimeter, adopt the high performance and new type MCU processor, convenient to carry, which is an ideal tool for electrical measurement.
- Current range AC / DC: 1000A, CT size: 52mm, can accurate temperature measurement function of - 50 ~ 1000℃.





TECHNICAL SPECIFICATION

Power Supply	3*1.5V AAA	
LCD Display	40mm x 38mm; Display area: 37mm x 35mm	
DC Voltage	600mV / 6V / 40V / 600V / 1000V	± (0.8 % + 3)
AC Voltage	6V / 60V / 600V / 750V	± (1.0 % + 5)
DC Current	60A / 600A / 1000A	± (2.5 % + 10)
AC Current	60A / 600A / 1000A	± (2.5 % + 10)
Flexible Clamp	3000A	± (3 % + 5)
Resistance	600Ω / 6kΩ / 60kΩ / 600kΩ / 6MΩ / 60MΩ	± (1 % + 3)
Capacitance	600nF / 6 μ F / 60uF / 600uF / 6mF / 60mF	± (3 % + 20)
Temperature	- 20°C ~ 1000°C	± (1 % + 4)
Auto Range	√	
AC Conversion Type	True RMS	
Input Protection	√	
Auto Shutdown	about 10 minutes, can be set and cancel auto shutdown function	
Diode Test	Can measure the LED work voltage below 2.5V	
NCV（Live line）Measurement	√	
Short Circuit Buzzer	√	
Low Voltage Indicator	√	
Input Impedance	Approx. 10MΩ	
Data Hold	√	
CT Size	Max. Φ42mm	
Diameter of Flexible Coil	Φ150mm	
Meter Weight	368g (without accessories)	
Meter Dimension	250 x 85 x 45mm	

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Note! Photographs in this catalogue may slightly differ from the instruments at the time of delivery.
Subject to technical change without notice.

Accessories	Tester*1PC; Pen probe*1SET; Temperature sensor*1SET; Meter Bag*1PC; 1.5V battery*3PCS

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