



EK-C366A Microhmmeter



Product Function

Used for measuring resistance of cables and wires; the contact resistance of switches, connectors and relays; the resistance of metal riveting; the winding resistance of coils, motors and transformers; the connection resistance between metal components; the resistance of welding points; the resistance of parallel connection of batteries; the measurement of wire length, etc.

Product features

1. The maximum test current is 10A, with a wide measurement range of $1.0\mu\Omega$ to 2500Ω and a high resolution of $0.1\mu\Omega$.
2. Two measurement modes are available: automatic measurement mode, which automatically selects the test current based on the load; and manual measurement mode, which offers five test current settings: 10A, 1A, 100mA, 10mA, and 1mA.
3. With 5-inch true-color LCD touch screen, allowing for operation via touch or buttons.
4. With 75°C resistance conversion function, compensating for the temperature and material of the test sample.
5. With alarm functions, automatic shutdown, Bluetooth communication, and a USB interface.

Technical Specification

Power Supply	DC14.8V 5200mAh rechargeable lithium battery		
Display Screen	5-inch full-color LCD touch panel with a resolution of 480×854 pixels		
Measurement Mode	Automatic & Manual		
Display Range	$1.0\mu\Omega\sim 2500.0\Omega$		
Range & Test Current	$1.0\mu\Omega\sim 2500.0\Omega$	AUTO	
	$0.0010\text{m}\Omega\sim 249.99\text{m}\Omega$	10A	$\pm 0.2\%\pm 2\mu\Omega$
	$250.0\text{m}\Omega\sim 2.4999$	1A	$\pm 0.2\%\pm 3\text{m}\Omega$
	$250.0\text{m}\Omega\sim 2.4999\Omega$	100mA	$\pm 0.2\%\pm 30\text{m}\Omega$
	$25.00\Omega\sim 249.00\Omega$	10mA	$\pm 0.2\%\pm 300\text{m}\Omega$
	$250.0\Omega\sim 2500.0\Omega$	1mA	$\pm 0.2\%\pm 3\Omega$
Max Resolution	$0.1\mu\Omega$		
Measurement Accuracy	$\pm 0.2\%\pm 2\mu\Omega$		
Test Current Gear	AUTO, 10A, 1A, 100mA, 10mA, 1mA		
Output Voltage	4.2V MAX		
Alarm Setting	Alarm critical value setting range; $1\text{m}\Omega\sim 30\Omega$, 0 Ω is not start the alarm function		
Alarm Warning	When the test value exceeds the alarm setting value, warning flashes to give a prompt		
Clock function	24-hour format, showing hours, minutes and seconds		
Data Storage	1000 groups (data will not be lost after power failure or battery replacement)		
Automatic Shutdown	After setting automatic shutdown, 15 minutes without any operation after starting up will automatic shutdown		
Withstand Voltage	AC 3700V/rms (between the housing and screws)		
Bluetooth Communication	Bluetooth interface; with mobile APP, stored data can be uploaded for storage, analysis.		
USB Communication	USB interface; with PC software, stored data can be uploaded to computer for storage, analysis and printing.		
Meter Dimensions	280mmX260mmX160mm		
Meter Weight	Total weight: 6.6kg(include all accessories)		
Accessories	Tester: 1PCS; Test line: 2PCS; USB communication cable: 1PCS; Special charger: 1PCS; Tool bag : 1PCS		

