



EK-C363A MILLIOHMMETER



Product Function

Used for measuring the wire resistance of cables, the contact resistance of switches, connectors, and relays, the DC resistance of windings of coils, motors, and transformers, as well as the connection resistance between metal rivets, metal components, and conductors connected at ground grids and poles.

Product Features

1. Precision 4-Wire Method: Reduces the influence of lead resistance and improves test accuracy.
2. Portable Design: Lightweight body, easy to operate, and convenient to carry.
3. Fast Line Resistance Calibration: Features a quick calibration function for more accurate measurements.
4. Wide Measurement Range: From 0.1mΩ to 40.00kΩ with high precision and stable readings.

Measurement Range & Accuracy

Range	Accuracy	Resolution	Test Current
400mΩ	±0.3%±4dgt	0.1mΩ	100mA
4Ω		1mΩ	10mA
40Ω		10mΩ	10mA
400Ω		0.1Ω	0.8mA
4kΩ		1Ω	0.8mA
40kΩ		10Ω	0.08mA

Technical Specification

Power Supply	6 x 1.5V Alkaline Dry Batteries (LR6)
Display Screen	4-digit LCD, Display Area: 58.5mm × 46mm
Range	0.1mΩ ~ 40.00kΩ
Detection Method	Precision 4-wire method, 2-channel A/D simultaneous detection
Data Storage	1000 groups, data retained even after power off or battery replacement
Test Leads	2 sets: 1 Red and 1 Black, 0.8m length
Backlight Function	Yes, suitable for dimly lit environments
Calibration Function	Yes
Low Battery Indication	 Reminds to replace batteries when symbol appears.
Host Dimensions	159mm × 100mm × 66mm
Weight	Approx. 0.94kg (Including accessories)
Operating Environment	-10℃ ~ 40℃; ≤80% RH
Storage Environment	-10℃ ~ 60℃; ≤70% RH
Withstand Voltage	AC 3700V/rms (Between case and screw)
Standard Accessories	Tester: 1pc; Test Leads: 1 set; LR6 Battery: 6pcs; Tool Bag: 1pc

Line
Resistance
Zeroing



Transformer
Winding
Resistance
Measurement



Relay
Contact
Resistance
Measurement

