



PRODUCT FUNCTION

The Metravi CAL-ER Calibrator is used for calibration of grounding resistance testers, equipotential testers and other instruments which require a standard resistor.

It is widely used in building quality inspection stations, supervision companies, construction companies, lightning protection companies, electric power departments, etc.

PRODUCT FEATURES

The military grade is composed of 9 pieces 1/2w high-precision military-grade wire-wound resistors. It has stable performance and strong structure, especially convenient for calibration & testing.

When calibrating resistors, one can direct shift and test without replacing the test line.

Fully meets the national weather service order "lightning protection device detection qualification management approach" specified in the range of 10-3 ~ 105 Ω.



TECHNICAL SPECIFICATIONS

Function	Used for calibration of grounding resistance tester, equipotential tester and other instrument
Range and Accuracy	0.001Ω: 2%
	0.01Ω: 0.5%
	0.1Ω: 0.2%
	1.0Ω: 0.2%
	10Ω: 0.05%
	100Ω: 0.05%
	1KΩ: 0.05%
	10KΩ: 0.05%
	100KΩ: 0.05%
Connection Wire Method	4-wire method
Power	1/2W
Temperature Coefficient	±25ppm
Dimensions	173mmX125mmX70mm
Weight	360g
Test Line	Red 0.5m & black 0.5m, each with 2pcs
Working Temperature and Humidity	-10℃~40℃; 80%rh below
Storage Temperature and Humidity	-20℃~60℃; 70%rh below
Insulation Resistance	10MΩ above(between the circuit and shell 500V)
Withstand Voltage	AC 3700V/rms(between the circuit and shell)
Suitable Safety Standard	IEC61010-1, CAT III 600V, Polluted Gradation

PACKAGE INCLUDES

Meter
Test Leads (2 Black, 2 Red)
Carry Bag
User Manual
Test Certificate

