

GIGALAB EVO

The GIGALAB-EVO multi-voltage high resistance meter made by ITECO, is a portable, accurate, and versatile instrument designed to measure resistance between two points, surface to ground, and surface resistivity as defined in IEC61340-5-1.

Shielded measuring system eliminates the usual noise providing ease of operation at very high resistance values

Humidity: 1 a 95%RH (accuracy: $\pm 2\%$ RH)

Temperature: -20°C to $+60^{\circ}\text{C}$ (accuracy: $\pm 1^{\circ}\text{C}$)

Display: Graphic LCD, 128x64pixel, 68x51mm.

Power supply: 6 alkaline batteries, LR6 1.5V

Dimensions: 243x130x60mm

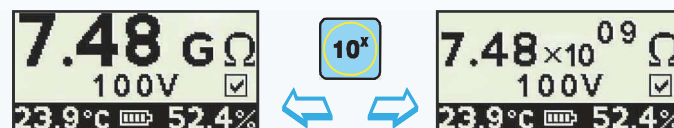
Weight: 650g

Internal memory where the data of 100 measures can be stored.

The data stored for each measurement are:

- Resistance value
- Voltage used for the measurement
- Humidity detected during measurement
- Measured temperature during measurement

Vmeas	Range	Accuracy
10V	$1\text{K}\Omega \div 50\text{G}\Omega$	$\pm 5\%$ $\pm 0.6\%$ per $\text{G}\Omega$
100V	$100\text{K}\Omega \div 1\text{T}\Omega$	$\pm 5\%$ $\pm 0.06\%$ per $\text{G}\Omega$
250V	$500\text{K}\Omega \div 1\text{T}\Omega$	$\pm 5\%$ $\pm 0.045\%$ per $\text{G}\Omega$
500V	$1\text{M}\Omega \div 1\text{T}\Omega$	$\pm 5\%$ $\pm 0.03\%$ per $\text{G}\Omega$



By pressing a dedicated button it's possible to quickly switch between viewing formats natural to exponential and vice versa



9265.063	GIGALAB EVO Meter with batteries and case
9265.064	GIGALAB EVO Complete kit including meter, 2 probes, batteries and case, Traceable Calibration Report is supplied
9265.065	Cylindrical SHIELDED PROBE 63mm diameter, 2.3Kg weight
9265.070	Concentric ring PROBE 63/30mm diameter, 2.3Kg weight
9265.042	Instrument recalibration, ISO9000 Traceable Calibration Report is supplied

PROBES FOR GIGALAB AND LABEOHM



9265.065

CONNECTIONS

Rubber measuring electrode:
BNC int. / red 4mm socket
Shield / Guard:
BNC ext. / gray 4mm socket



9265.070

CONNECTIONS

Inner sensing ring:
BNC int. / red 4mm socket
Outer sensing ring:
BNC ext. / black 4mm socket
Shield / Guard: gray 4mm socket



9265.047

Counter-electrode for cross resistance measurements

CONNECTIONS

Stainless steel measuring electrode:
BNC int. / red
4mm socket
Shield / Guard: BNC ext.

code >>>>

9265.072

T-handle with thread end M5
H = 25cm to facilitate repetitive measurements on the floor
(only for 9265.070 and 9265.065)