

IRIS INSTRUMENTS

G-Ohm

RESISTIVITY

TOUCH & STEP VOLTAGES

RESISTANCE METER

- Multiple functions
- Automatic range
- Data storage
- Field proof



IRIS Instruments is pleased to introduce its new multiple functions meter, G-Ohm, for earth resistivity, touch and step voltages*, and ground/earth resistance measurements.

G-Ohm is an easy-to-use, fully automatic, compact, field proof instrument.

APPLICATIONS

G-Ohm allows to perform all measurements needed for **power system grounding** design and checking:

- Ground/Earth resistance
- Touch & Step voltages*
- Earth resistivity

* New features available Autumn 1999
(free upgrade provided)

MAJOR BENEFITS

- Multiple functions meter
- Internal memory for up to 2000 readings.
- Fully automatic measurements
- Powerful source:
 - 200 V maximum output voltage
 - 25 W maximum output power
 - 500 mA maximum output current
- Automatic adjustment of the output voltage in relation with the level of the measured signal.
- Quality control of the measurements through standard deviation.
- Display of measured voltage, intensity of current, and resistance or resistivity.
- Accuracy better than 1%.
- Serial link for data transfer to PC with the provided download software.



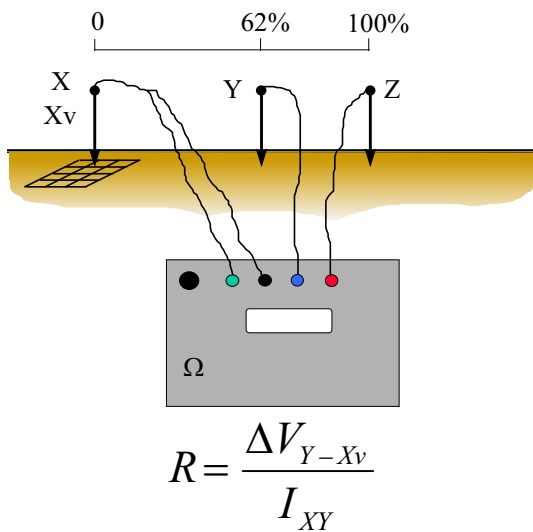
G-Ohm

GENERAL SPECIFICATIONS

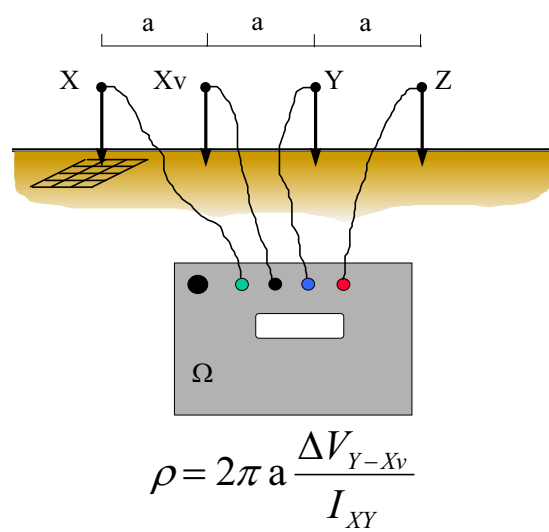
- LCD display: 4 lines of 20 characters
- Keypad: 6 functions keys
- Dimensions: 23 x 18 x 12 cm
- Weight: 3.5 kg
- Choice of standard or ruggedized box
- Internal rechargeable battery: 12V, 3 Ah
- Autonomy: 1000 readings typical.
- Possibility of connecting an external 12V car battery
- Storage of up to 2000 readings
- Operating temperature range: -10 to +50 °C

APPLICATIONS

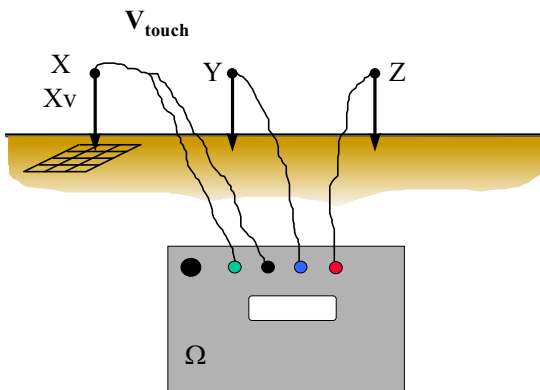
Ground/Earth resistance



Earth resistivity



Touch potential



Step potential

