



Ohmega Resistivity Meter Ω

Following similar design standards for the Tigre imaging instrument, we have been able to carry over many of the features into our Ohmega Ω resistivity meter, offering the occasional or basic user, state of the art technology at an affordable cost.

The Ohmega is a high quality earth resistance meter capable of accurate measurements covering a wide range of applications. Traditionally, high power was thought to be necessary for successful surveys. However, it is now accepted that the superior precision of the Ohmega enables accurate electrical measurements to be made in all but the most extreme environments, nominally down to depths of 700 meters. A choice of current settings from 0.5mA to 200mA, with automatic gain steps, enables measurements to be made between 400 Kohm and 0.001 ohm. Three square wave frequencies are available with a choice of up to 16 cycles per measurement. Self potential can also be monitored. The Ohmega Ω will deliver up to 200mA making this a most powerful yet lightweight tool for sounding applications. The Ohmega is supplied with four sounding cables on hand reels, and four stainless steel electrodes. A charger capable of working from 115 and 230 v is included.



Control panel

SPECIFICATIONS... COMPLETE SYSTEM

- Output current: 0.5 - 200mA
- Output Voltage: 360V peak to peak.
- Cycle time: 2.1, 4.2 & 8.4 sec.
- No. of cycles: 1, 2, 4, & 16
- Input impedance: 22 MOhms
- Measurement range: 0.001 Ohms - 400 kOhms
- Power supply: Internal rechargeable 12v battery or external 12 v source.
- 2 Cable drums with 500m cables each
- 2 Cable drums with 200m cables each
- 4 Stainless electrodes
- Display: 4 line alphanumeric LCD
- Weight: 4kg.
- Dimensions: 230 X 175 X 267mm

