

Resistivity Meters



Description

Resistivity/IP surveying is a versatile geophysical method suitable for a broad range of applications and environments such as groundwater prospecting, mineral exploration, geological mapping and geotechnical investigations. System design can vary depending on the application.

It introduces a unique software licensing system, making it scalable and easy to upgrade. Every instrument comes preinstalled with all hardware modules and software features, but depending on product package not all need be activated. Product packages range from basic to advanced. Upgrades are made by downloading a license code from the internet or USB. Future development will include time limited licenses, making it possible to rent upgrades.

Features

- Up to 12 measurement channels
- Unique design of measurement channels and high power current transmitter
- IP measurements with 100 % duty cycle
- 1D, 2D, 3D and 4D measurements
- IEC IP 66 classification
- Wi-Fi and 3G connectivity
- Software licensing system

Functionality

- Scalable through software licensing system
- New IP measure mode for faster data collection and better data quality
- 3G and Wi-Fi connectivity
- 16 GB removable and expandable data storage
- Built-in charger for internal battery
- GPS with GLONASS for improved accuracy
- Faster CPU module for a smooth user experience
- New power connector

Applications

- Geological mapping
- Geotechnical pre-investigation
- Groundwater prospecting
- Mineral exploration
- Mapping and monitoring of contaminations
- Geothermal prospecting
- Sub-bottom mapping of marine environments
- Monitoring of permafrost
- Archeology