ELREC Lite

Two channel hand held
Induced Polarization Receiver
FOR MINERAL EXPLORATION

- 2 Simultaneous channels
- 20 Chargeability windows
- Low-weight, hand-held

MAIN FEATURES:

- The ELREC Lite low-weight hand-held receiver has been designed for high productivity surveys, with 2 simultaneous measurement channels
- Its automatic synchronization process let it work without any link with the transmitter
- The Induced Polarization (IP) decay curve is analyzed with 20 programmable windows for a higher definition of the IP chargeability waveform

TECHNICAL SPECIFICATIONS

- Two simultaneous channels
- Twenty chargeability windows
- Computation of apparent resistivity, average chargeability, standard deviation
- Electrode arrays: dipole dipole, pole dipole, pole pole, Schlumberger, Wenner, gradient
- Stacking process for signal enhancement
- SP compensation with linear drift correction
- Link to PC for data transfer
- PROSYS II PC software for data filtering
- Input impedance: 100 Mohm
- Memory: 44 800 readings
- Maximum input voltage: 15V
- Chargeability accuracy: 0.6% typ
- Time domain waveform, Ton = 0.5, 1, 2, 4, 8s
- Programmable chargeability windows
- Electrode ground resistance measurement
- Plastic weatherproof (IP 66) case
- Rubber protection
- Dimensions: 265 x 130 x 55 mm
- Weight: 0.9 kg
- Internal battery: Li-Ion 2.2 Ah
- Heater external battery: 12V, 2Ah in a belt bag, for low temperature operation
- Battery charger: 110/220 V, 50/60 Hz
- Operating temperature range: -30°C to +50°C
ELREC Lite G

Same specifications as ELREC Lite, except the screen which is graphic, with display of decay curve during acquisition.