

IRIS INSTRUMENTS



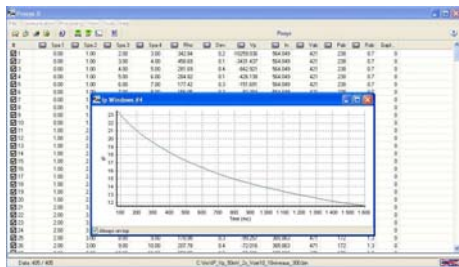
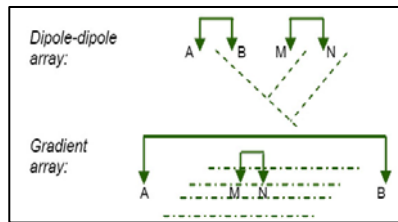
ELREC Lite

Two channel hand held
Induced Polarization receiver
FOR MINERAL EXPLORATION

- 2 simultaneous channels
- 20 chargeability windows
- low-weight, hand-held

ELREC Lite receiver 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 Polarisation (IP) decay curve** is analyzed with 20 programmable windows for a higher definition of the IP chargeability waveform



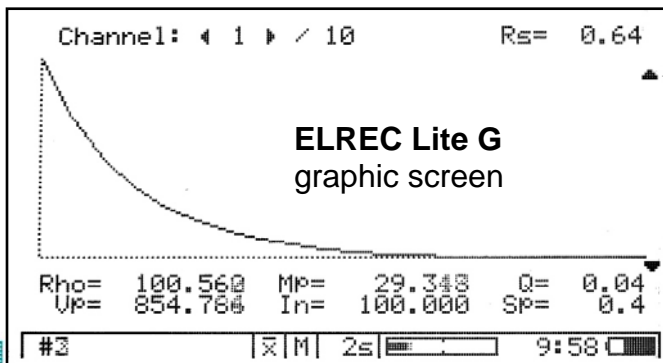
PROSYS II software for data transfer, filtering, plotting and exporting to an interpretation software



Screen heater battery for low temperature operations

ELREC Lite 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
- max input voltage: 15V
- chargeability accuracy: 0.6% typ
- time domain waveform, $T_{on} = 0.5, 1, 2, 4, 8s$
- 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: $-30^{\circ}C$ to $+50^{\circ}C$



ELREC Lite G

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

INDUCED POLARIZATION RECEIVER



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Geodatos, Brasil, 20m spacing dipole dipole, 5m shift

