

IRIS INSTRUMENTS

INDUCED POLARISATION TRANSMITTER



TIP ONE 250 W TRANSMITTER RESISTIVITY & INDUCED POLARISATION

Supplied by a 12V
standard battery

Easy to use
Light and robust

TIP ONE MAIN FEATURES

- The TIP ONE is a **250 W** transmitter (internal converter) designed for IP and Resistivity measurements for shallow depths
- The TIP ONE can generate up to 2000 V pp for measurements in resistive grounds and up to 2.5 A in high conductive contexts
- Designed for a **simplified use**, the keyboard allows to reach directly the main functions of the unit
- Continuous battery capacity control

TIP ONE MAJOR BENEFITS

- Controlled by a microprocessor for a **simplified use** and a protection in case of misusing
- Control of the grounding resistance of the injection electrodes and real time display of the output current and voltage values
- The TIPONE can regulate the output current or voltage level
- The TIPONE has to be supplied by a 12V standard car battery

TIPONE TECHNICAL SPECIFICATIONS

- Output Power: 250 W max
- Output Voltage: 2000 V pp maximum
- Output Current: 2.5 A maximum
- Waveform: [ON+ / OFF / ON- / OFF]
- Predefined T_{ON} and T_{OFF} times: 0.25, 0.5, 1, 2, 4 et 8 seconds

- Display: Alphanumeric LCD screen made of 4 lines
- Continuous display of the injection current and voltage values

Protections :

- Input overvoltage
- Input undervoltage
- Thermal
- Emergency Stop push button

GENERAL FEATURES

- Dimension (h l p) : 31 x 23 x 21 cm.
- Weight: 4 kg
- Supplying: External 12V battery
- Operating temperature: -20 à +70°C

Specifications subject to change without notice BR_TIPONE_GB_V1



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