



HOME NEWS PRODUCTS SUPPORT SURVEYS APPLICATIONS

Search

TRANSMITTERS

- > T-3 (3kW, Multipurpose)
- > T-4 (2.8kW TDEM)
- > T-30 (30kW, Multipurpose)
- > TXU-30 (20kW, Multipurpose)
- > T-200 (160kW, Multipurpose)

RECEIVERS

- > V8 (Multifunction)
- > RXU (Remote for V8)
- > MTU (MT, AMT)
- > V-6A (Multifunction)

GENERATORS

- > MG-40A (40kVA)
- > T-200 (160kW)

SENSORS

- > MT/AMT Field Sensors

SYSTEMS

- > System2000.net (Multifunction)
- > System2000 (MT, AMT)
- > SSIP2000 (IP)

CLIENT ACCESS

Log-in ID :

Password:



[Request a Log-in ID and password](#)

T-200 HIGH POWERED CURRENT SOURCE

FOR COMPLEX RESISTIVITY, TRANSIENT EM AND CSAMT



GENERAL INFORMATION

The T-200 is a high-powered controlled source for geophysical applications, including exploration for oil and gas and other minerals.

It can be used for time domain techniques (less than 100% duty cycle), or frequency domain techniques (100% duty cycle).

The turnoff waveform shape is suitable for long period transient electromagnetics ("LoTEM"). The unit can be used for time domain induced polarization (TDIP).

The T-200 can be used for frequency domain techniques including CSAMT (Controlled Source Audio Magnetotellurics), Complex Resistivity (CR), and frequency domain electromagnetics.



The T-200 is designed to use either a grounded (or resistive) load, connected to the earth by suitable electrodes, or a suitable loop of wire (an inductive load).

The control and power switching electronics are located in compartments installed inside the generator compartment.

A microprocessor-controlled panel makes operation relatively simple.

All waveforms are synchronized by GPS, for accurate stacking of waveforms without any physical link between the T-200 and the separate suitable receiving apparatus.



SPECIFICATIONS

Dimensions :	3.8m x 1.5m x 1.8m high
Weight :	Approx. 5 tonnes
Environmental :	Operating temperature range: -20oC to +40o
Input Power :	Integral Phoenix MG-200 - 300HP Diesel - 400 Hz/3 phase alternator
Output Current :	Max. 160A
Output Power :	Max. 160kW
Output Voltage :	Max. 1600V, 2 ranges
Duty Cycle :	50% to 100%
Repetition Rate :	Up to 256 Hz
Turn-off Time :	<50 microseconds (resistive load) Controls Microprocessor based control panel with GPS synchronization
Indicators:	Mode, Frequency, Current, Voltage, GPS Time, and Faults

