INTRODUCING A NEW GENERATION OF GEOPHYSICAL SYSTEM

ULTRA-WIDEBAND MT (UMT) SYSTEM

MTC-150 / MTC-180 SENSORS



MAIN ADVANTAGES

- Simultaneous, uninterrupted AMT and MT
- Switch free sensor
- Improved response in AMT and MT deadbands
- Lightweight
- Low noise levels across bandwidth
- Reduces survey costs and logistics
- AMT for free



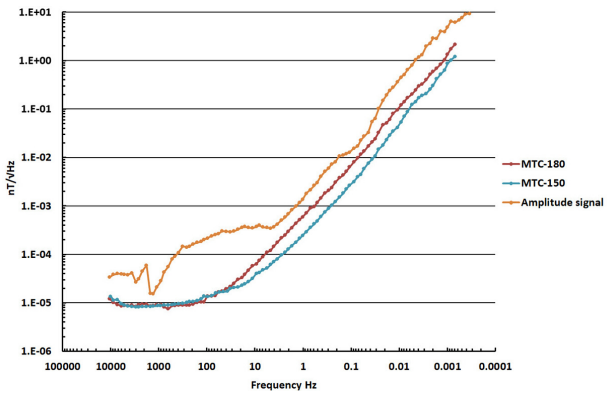
SPECIFICATIONS

10,000 Hz-10,000 seconds

MTC-150: 144 x 7 cm; 6.4 kg

MTC-180: 92 x 7 cm; 4.5 kg

FIELD OPERATIONAL NOISE FLOOR VALUES



Introducing our new inductions sensor family

The MTC-100 Family of sensors

Simultaneous broadband sensors are the new worldwide standard for commercial MT surveys . They are routinely used in North and South America , Europe, Africa and Asia. The use of MTC-100 series decrease operating costs of surveys while improving data quality.

Switch free technology will record *both MT and AMT band simultaneously.*

During overnight MT readings AMT gets collected at no additional cost. A recording of 6 hours of MT will deliver 6 hours of AMT.

AMT readings performed in this fashion are likely to be free of AMT deadband and have a better response in the MT deadband as AMT faster sampling rates are used to calculate the MT frequencies within the deadband.



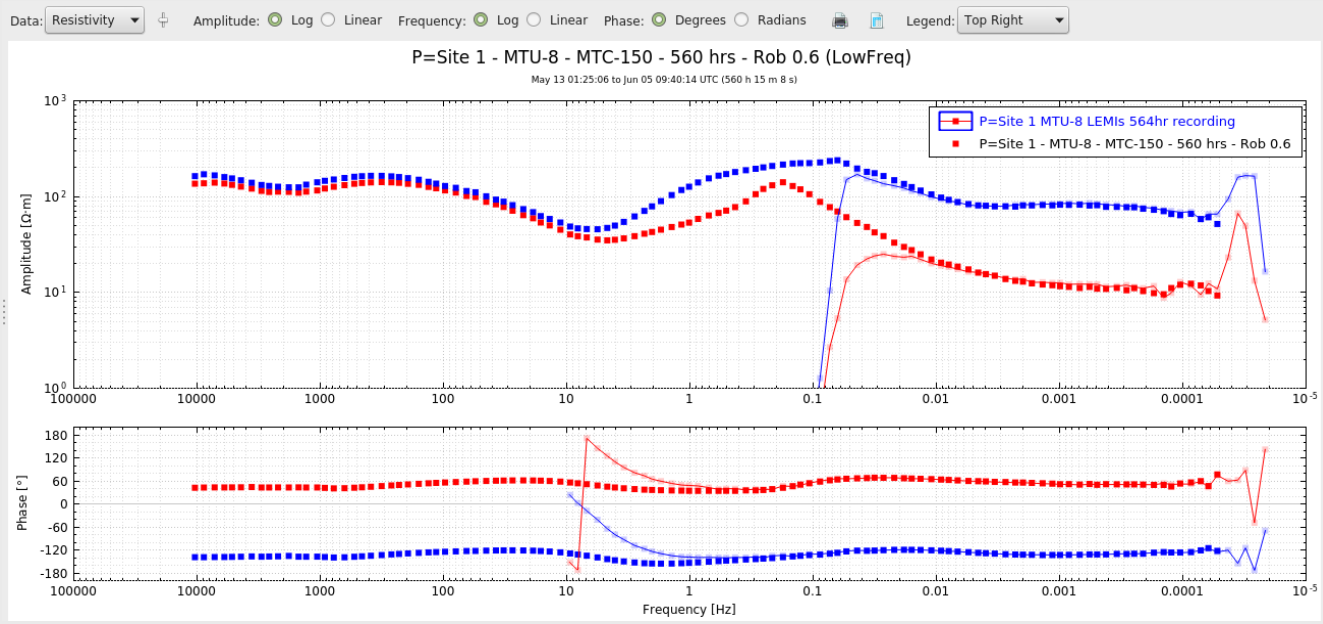
The new 100 Series Phoenix Induction Sensors eliminate the decades old artificial division of MT spectrum into combined Audio-Frequency MT (10 kHz to approx. 1 Hz) and MT (approx 400 Hz to 10,000 seconds).

Phoenix sensors and receivers can reach as low as 100,000 seconds by using continuous multiple acquisition days.

The advantages are so compelling that the 100 series sensors are very rapidly displacing the older separate AMT and MT sensors and becoming the *solution of choice.*

1,000 sensors sold since 2016

ULTRA-WIDEBAND SOUNDING WITH MTC-150 AND FLUXGATE SENSORS



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