TRI-1/50 (A, B, C)

PRECISION FIELD TRIPOD WITH THERMAL PROTECTION FOR VERTICAL MAGNETIC SENSOR

Quality of field data received during acquisition using MT methods significantly depends on how accurately magnetic sensors are aligned with axis of coordinates. This is especially important for vertical component Hz, since in many instances it is considerably weaker than horizontal components of magnetic field. Small mistakes in sensor positioning might severely damage data or even make it useless for interpretation.

Tripod TRI-1/50 is especially designed to minimize errors when aligning magnetic sensor to Z axis, to increase accuracy of measurement and productivity of field work by significantly reducing time for sensor installation. You can throw your augers and shovels away now and install the sensor in less than 5 minutes on any soil in different climates and weather conditions. Model TRI-1/50 is used with magnetic sensor MTC-50 from Phoenix Geophysics Limited, but can be easily redesigned for virtually any induction coil upon request.

Basic Characteristics:

- High accuracy of vertical positioning of magnetic sensor MTC-50. Levels installed on the tripod, allow the user to install a sensor quickly and precisely in vertical position with error no more than 1.0° (model A), 0.1° (model B) or 0.01° (model C).
- Tripod is made of 100% nonmagnetic anticorrosive nonconductive high-quality materials with minimal use of nonmagnetic metals. Thus the weight of the tripod is less than 13kg.
- Unit could be disassembled, and there fore convenient for transportation and storage.
- Simplicity of installation and removal of MTC-50 sensor.
- Tripod is marked with special light reflecting finishing, which allows it to be easily noticed in the dark field conditions.

Specification:

• Dimensions in working mode, cm	168×108(∅)
• Dimensions in transport mode, cm	178×36(∅)
• Weight (without sensor), kg	13
• Accuracy of positioning, ° (model)	1.0 (A); 0.1 (B); 0.01 (C)

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