

Electromagnetic multi-frequency profilers

AEMP-14

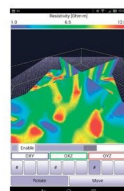
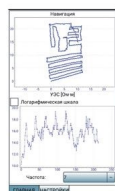
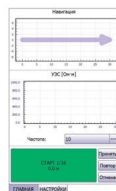
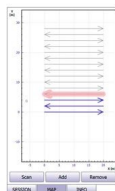


TECHNICAL SPECIFICATION

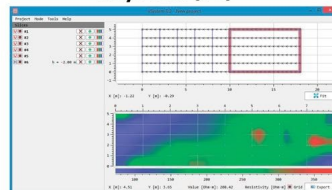
Working frequencies: 2.5-250 kHz;
Measurement time: 0.3-2 sec;
Generator power: maximum 90 W;
Receiver sensitivity: 1 mV;
Dimensions: 275x30x10 cm;
Working time: about 6 hours;
Weight: 9 kg;
Software compatibility: Android, Windows.

AEMP-14 is a patented device for 7-m depth earth sounding that comprises a transmitter, two receiver coils, and a backing coil. This device can operate at a set of operating frequencies picked up from 14 available frequencies (within the range from 2.5 to 250 kHz). The arrangement of receiver coils cancels the primary field in air by a factor of 1000, so there is no need for preliminary calibration for a specific ground.

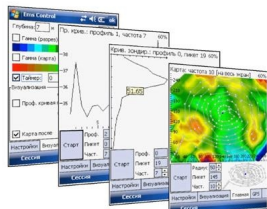
MULTI-PLATFORM OPERATING SOFTWARE



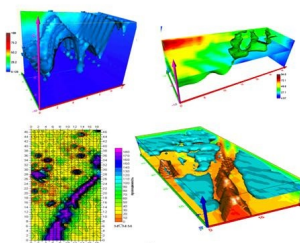
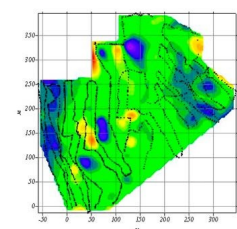
iiSystem (PC)



QZond (Android)



EmsControl (Windows Mobile)



2D and 3D visualisation on PC

Geovizer

TECHNICAL SPECIFICATION

Working frequencies: 12 kHz, 40 kHz, 111 kHz;
Measurement time: 0.3-0,9 sec;
Generator power: maximum 60 W;
Receiver sensitivity: 1 mV;
Dimensions: 90x75x25 cm;
Working time: about 6 hours;
Weight: 4.5 kg;
Software compatibility: Android, Windows.



Perspective development with innovative primary field compensation method.