

Zond x500 GPR



RADAR
Systems, Inc. 

Ground Penetrating Radar Zond x500

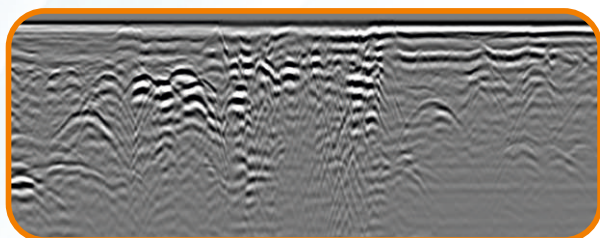
Real Time Sampling single-unit GPR



Zond x500 is a Real Time Sampling single-unit GPR. It expands the dynamic range and speeds up the moving speed. The high data rate is converted to the stacking (up to hundreds, thousands and tens of thousands times), that gives a jump up for a Signal-To-Noise ratio, drops down noise floor, deepens penetration, helps to distinguish weaker signals than ever before.

System Advantages

- **Time range:** 5-10000 ns with 18 ps step
- **Samples per trace:** 512-8192, **32 bits** per sample
- **Data rate:** up to 2500 traces per second
- **Hardware Stacking:** 4-65536 times
- **Antenna central frequency:** 500 MHz
- **Power consumption:** 0.6 A*h (up to 12 h of the field work per one charge)
- **Dimensions:** 54x40x20.5 cm
- **Weight:** 7.2 kg



Pipes and cables detection



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