

SIR[®] SYSTEM Antennas

For Near Surface Investigations

Applications

Archaeology
Concrete Infrastructure Evaluation
Rebar and Reinforcing
Void Detection

Compatible with all SIR Systems

Built for durability and reliability

- Rugged, military-style connectors
- Coated, sealed electronics
- Shielded to eliminate above-ground interference
- All temperature conditions, -20°C to 50°C
- Low resistance, long-life replaceable wear skids
- Rugged, high-density molded cases
- Heavy duty cable

MODEL 5100

High Resolution, Portability

Specially configured for access to small areas. Used to locate objects embedded in concrete, such as rebars, tendons and conduit and other very high resolution, near surface applications.

Center Frequency: 1500 MHz
Depth Range: 0-.5 m (0-18 in)
Dimensions: 3.8 x 10 x 16.5 cm
(1.5 x 4 x 6.5 in)
Weight: 1.8 kg (4 lbs)



MODEL 3101D

Shallow Penetration Depths

This high resolution antenna is designed for applications requiring shallow penetration down to 1 meter (3 feet), such as void detection, concrete thickness assessment and shallow pipe locates. Also, for rebar identification on projects where antenna size is not critical or space is not limited.

Center Frequency: 900 MHz
Depth Range: 0-1 m (0-30 ft)
Dimensions: 8 x 18 x 33 cm (3 x 7 x 13 in)
Weight: 2.3 kg (5 lbs)



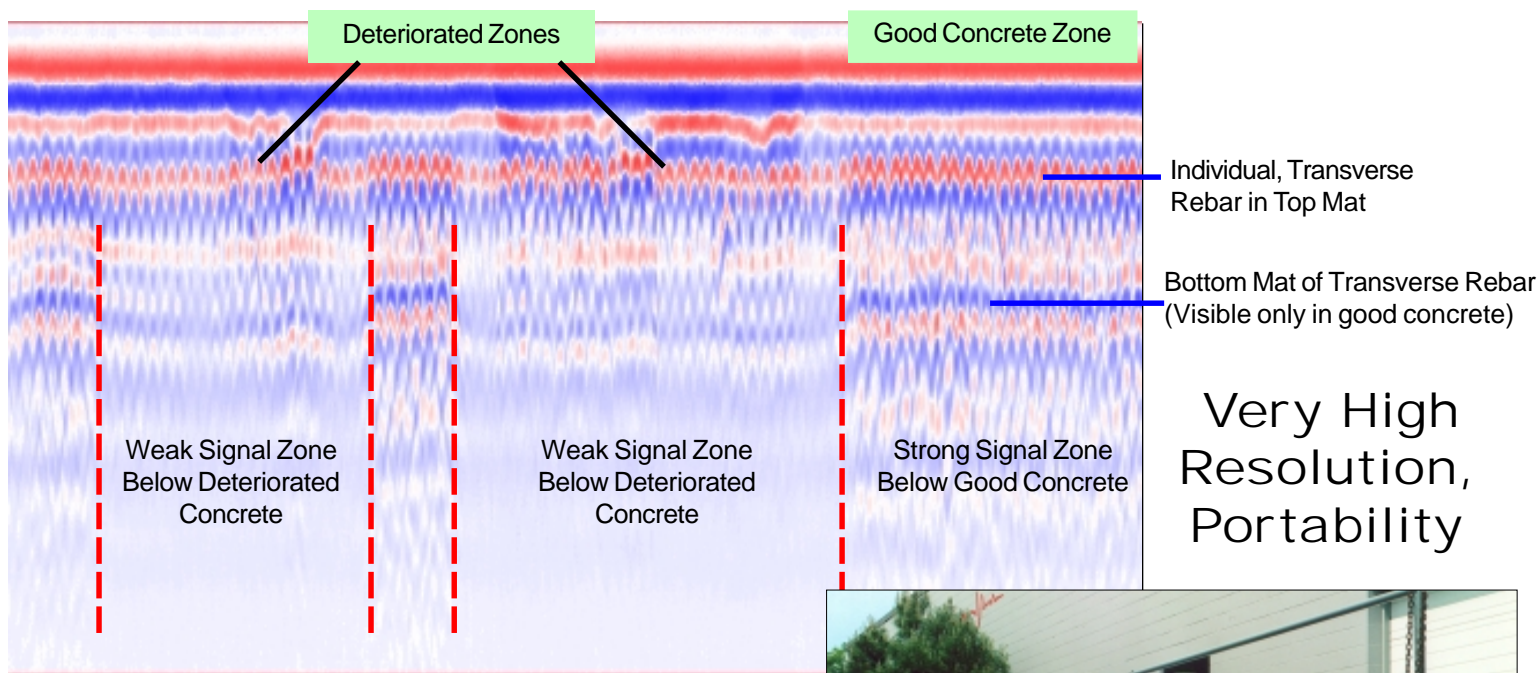
Geophysical Survey Systems, Inc.

13 Klein Drive, P.O. Box 97
North Salem, NH U.S.A.
Phone: (603) 893-1109
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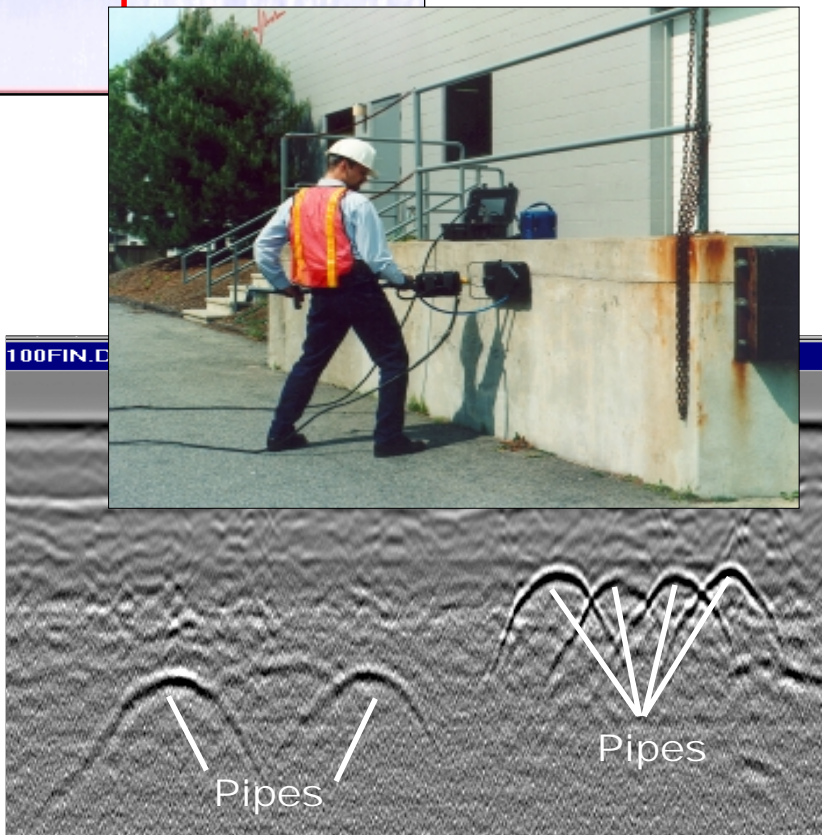
email: sales@geophysical.com
www.geophysical.com

Model 5100 Antenna

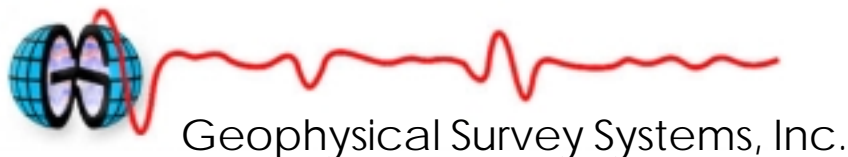
Unsurpassed data resolution for concrete investigations



Specially configured for access to small areas. Used to locate objects embedded in concrete, such as rebars, tendons and conduit and other very high resolution, near-surface applications.



Center Frequency: ~1500 MHz in concrete
Depth Range: 0-1 m
Dimensions: 3.8 x 10 x 16.5 cm (1.5 x 4 x 6.5 in)
Weight: 1.8 kg (4 lbs)



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