



StructureScan™ Mini XT

The StructureScan™ Mini XT is GSSI's newest generation of our very popular all-in-one GPR systems. The StructureScan Mini XT offers a 2.7 GHz antenna for superior target resolution and can reach depths of up to 60 cm (24 inches). This system is designed with the option for users to add accessories and tailor the unit to specific applications.

The Mini XT Advantage

The StructureScan Mini XT is ideal for locating the position and depth of metallic and non-metallic objects in concrete structures, including rebar, conduit, post-tension cables, voids and service utilities. In addition, the Mini XT can help identify structural elements including pan deck, concrete cover, and slab thickness.

MAX DEPTH 60 cm (24 inches)	ANTENNA FREQUENCY 2700 MHz
WEIGHT 1.8 kg (4 pounds)	STORAGE CAPACITY 14.5 GB
OPTIONAL SOFTWARE RADAN 7 for StructureScan Mini	ACCESSORIES Palm XT Antenna, LineTrac XT, Accessory Pole



See our website for more information and detailed specifications: www.geophysical.com

STRUCTURESCAN MINI XT FEATURES

High Frequency, High Resolution Concrete Antenna

The StructureScan Mini XT employs a 2.7 GHz antenna that provides excellent near surface resolution while also maintaining the ability to resolve deeper targets.

Enhanced Data Visualization

Get first-in-class data visualization with a state-of-the-art 6.5 inch HD touchscreen user interface and several operation modes designed for beginner to advanced use.

Operation modes include: QuickScan to collect 2D data with the push of one button, ScanMax to access advanced options, and Scan3D for complex reinforcement environments.

Accessories for Advanced Capabilities

Incorporated into the design are three accessory ports that allow the use of add-on accessories including the Palm XT, LineTrac XT, and an extension pole.

TYPICAL USES

Find Rebar, Post Tension, Conduits, and Non-metallic Objects

Measure Slab Thickness and Void Location

Concrete Scanning and Imaging

Condition Assessment

Structure Inspection

FCC, RSS-220 and CE Certified

ACCESSORIES



Palm XT Antenna

Palm XT is a small form factor GPR antenna that gives users unprecedented access in tightly spaced areas and enables easy overhead scanning.

- 2300 MHz antenna offers superior depth penetration and resolution
- Full keypad control via the antenna top provides remote control of user interface
- Three data collection modes



LineTrac XT

LineTrac XT adds the ability to detect AC power and induced RF present in conduits. This accessory detects low amplitude AC signals associated with difficult to locate conduits.

- Seamless fusion with GPR data
- Aids in target discrimination
- Detection at 50/60 Hz
- Rugged, IP-65 rated enclosure

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2000 MHz - Compact, Integrated Concrete Antenna

The Palm Antenna offers users the ability to reach tightly spaced areas that were previously inaccessible such as corners, against walls and around obstructions.

The Palm Antenna is most often used with the SIR® 3000 and SIR® 20 control units. The antenna includes a dedicated survey wheel, a replaceable skid plate, and removable handle to reduce antenna height, if necessary. The Palm Antenna weighs in at approximately one pound.

Center Frequency	2000 MHz
Depth Range	0-12 inches (0.4 m)
Antenna Weight with Control Cable	3 lbs (1.3 kg) with 10 ft (3 m) cable 4 lbs (1.8 kg) with 22.75 ft (7 m) cable
Dimensions	4.1x3.6x6 in (104.5x91.5x154.7 mm)
Model	62000 - 003 (3 m cable) 62000 - 007 (7 m cable)



1600 MHz - General Purpose Concrete Antenna

The 1600 MHz is a high-resolution, all-purpose antenna used to inspect concrete structures to locate embedded rebar, post tension cables and conduits. It is also a popular choice for bridge deck condition assessment and to determine concrete cover.

Center Frequency	1600 MHz
Depth Range	0-18 inches (0.5 m)
Antenna Weight	4 lbs (1.8 kg)
Dimensions	1.5x4x6.5 in (3.8x10.16.5 cm)
Model	51600S