

## Sensors

### Zircon MultiScanner® i520 OneStep®

This multifunction scanner features four scanning modes:

- **STUD SCAN:** Locates the center and edges of wood and metal studs up to 3/4" (19 mm) deep
- **STUD DEEPCAN®:** Locates the center of wood and metal studs up to 1 1/2" (38 mm) deep
- **METAL SCAN:** Detects and locates ferrus (magnetic) metal (such as 1/2" rebar) up to 3" (76 mm) deep and non-ferrus (non-magnetic) metal up to 1 1/2" (38 mm) deep
- **AC SCAN:** Detects and locates live unshielded AC wires up to 2" (51 mm) deep

WireWarning® detection automatically detects and alerts of live AC wires in STUD SCAN, STUD DEEPCAN®, and METAL SCAN modes. When AC voltage is detected, the AC WireWarning® icon will be displayed on the screen.

*NOTE: Operating instructions included with sensor.*



#### WORKING WITH DIFFERENT MATERIALS

**Wallpaper:** The scanner will function normally on walls covered with wallpaper or fabric, unless the materials are metallic foil, contain metallic fibers, or are still wet from application. *Wallpaper may need to dry for several weeks after application for accurate scanning.*

**Freshly painted walls:** Walls may take a week or longer after application for scanner to work, switch to STUD SCAN mode during this time or to METAL SCAN mode to locate nails or drywall screws.

**Lath & plaster:** Due to irregularities in plaster thickness, it is difficult to locate studs in STUD SCAN mode. Change to METAL SCAN mode to locate nail heads in the wood lath. *If plaster has metal mesh reinforcement, the scanner will be unable to detect through the material.*

**Extremely textured walls or acoustic ceilings:** Place a piece of thin cardboard over rough surfaces and use DEEPCAN® mode. If you have irregular scanning results, switch to METAL SCAN mode to locate nails or drywall screws.

**Wood flooring, subflooring or gypsum drywall over plywood sheathing:** Use DEEPCAN® mode and move the tool slowly. Signal strength indicator may only display 1 or 2 bars when locating a stud through thick surfaces.

MultiScanner i520 cannot scan for wood studs and joists through carpet and padding.

*NOTE: Sensing depth and accuracy can vary due to moisture, content of materials, wall texture and paint.*

DESCRIPTION	PART NO.	MODEL
Zircon Multiscanner i520	LS-57-113	MS1520