ZIRCON®

MultiScanner® *i*520 OneStep™

Multifunction Wall Scanner with CenterVision™ Technology, Ultra-Bright Display Screen, and Auto Correcting Technology

MultiScanner® *i*520 OneStep™ quickly and easily locates studs and joists behind walls, floors, and ceilings. It also locates metal as well as live AC electrical wiring. A 4-mode switch makes it easy to change functions, while the ultra-bright display screen, SpotLite® Pointing System, and audio tone all indicate the location of the target.

- **StudScan mode** locates the edges and centre of wood or metal studs up to 19 mm deep
- **DeepScan® mode** doubles the scanning depth 38 mm
- **Metal Scan mode** locates ferrous metal, such as copper pipe, up to 38 mm deep, and ferrous metal, such as rebar, up to 76 mm deep
- **AC Scan mode** locates live, unshielded AC electrical wire up to 51 mm deep
- **WireWarning® Detection** indicates the presence of live, unshielded AC electrical wiring up to 51 mm deep
- **ACT™ (Auto Correcting Technology)** automatically corrects common errors, such as when scanning begins over a stud

Find Stud Centre

Find Wood or Metal Studs

Scan Thick Walls for Studs

WireWarning® Detection

Scan for Metal

Scan for Electrical

SPECIFICATIONS

Dimensions	185 mm H x 83 mm W x 36 mm D
Weight	184 g without battery
Battery Type	9V alkaline (not included)
Position Accuracy*	**Up to a depth of 19 mm:** Typically within 3 mm **Up to a depth of 38 mm:** Typically within 5 mm **In Metal Scan mode:** Typically within 13 mm using the dual scan and mark procedure
Depth*	**StudScan mode:** Up to 19 mm **DeepScan® mode:** Up to 38 mm **Metal Scan mode:** Up to 38 mm for copper, up to 76 mm for rebar
AC & WireWarning® Position Accuracy*	Typically 90-250 V at 50-60 Hz within 152 mm of a hot unshielded wire in drywall
AC & WireWarning® Depth*	In typical wall with Romex® wiring, wire can be detected up to 51 mm deep
Operating Temperature	-7° to 41°C
Storage Temperature	-29° to 66°C
Humidity	5-90% RH (non-condensing)
Water Resistance	Splash and water resistant, not waterproof

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

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