

CENTER FINDER

MultiScanner® i520 OneStep®



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

MultiScanner® i520 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. The signal strength indicator helps to distinguish between shallow and deep targets.

- Stud Scan mode locates the edges and center of wood or metal studs up to ¾ inch (19 mm) deep
- DeepScan® mode doubles the scanning depth to 1½ inches (38 mm)
- AC Scan finds and traces live, unshielded electrical wire up to 2 inches (51 mm) deep
- Metal Scan mode locates non-ferrous metal, such as copper pipe, up to 1½ inches (38 mm) deep, and ferrous metal, such as rebar, up to 3 inches (76 mm) deep
- WireWarning® detection indicates the presence of live, unshielded electrical wire up to 2 inches (51 mm) deep in stud and metal scanning modes
- ACT™ (Auto Correcting Technology) corrects common user errors automatically, such as when scanning begins over a stud



Scan Thick Walls for Studs



Scan for Metal



Scan for Electrical



Find Stud Center



Find Wood or Metal Studs

SPECIFICATIONS

Dimensions	7.25 in. H x 3.2 in. W x 1.4 in. D (184 mm x 81 mm x 36 mm)
Weight	9.4 oz. (262 g) without battery
Battery Type	9-V alkaline (not included)
Position Accuracy*	Up to a depth of 5/8 inch (16 mm): typically within 1/8 in. (3 mm) Up to a depth of 1 1/2 in. (38 mm): typically within 3/16 in. (5 mm) In Metal Scan mode: typically within 1/2 in. (13 mm) using the dual scan and mark procedure
Depth*	Stud Scan mode: up to 3/4 in. (19 mm) DeepScan® mode: up to 1 1/2 in. (38 mm) Metal Scan mode: up to 1 1/2 in. (38 mm) for copper, up to 3 in. (76 mm) for rebar.
AC Position Accuracy*	Typically 90-250 V at 50-60 Hz within 6 in. (152 mm) of a hot unshielded wire in drywall.
AC Depth*	In typical wall with Romex™ wiring, wire can be detected up to 2 in. (51 mm) deep
Operating Temperature	40° to 120°F (4° to 49°C)
Storage Temperature	14° to 140°F (-10° to 60°C)
Humidity	80% RH (noncondensing)
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.

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