

CENTER FINDING

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.

- **StudScan mode** locates the edges and center of wood or metal studs up to ¾ in. (19 mm) deep
- **DeepScan® mode** doubles the scanning depth to 1½ in. (38 mm)
- **AC Scan mode** locates live, unshielded electrical wire up to 2 in. (51 mm) deep
- **Metal Scan mode** locates ferrous metal, such as rebar, up to 3 in. (76 mm) deep
- **ACT™ (Auto Correcting Technology)** automatically corrects common errors, such as when scanning begins over a stud



SPECIFICATIONS

Dimensions	7.28 in. H x 3.27 in. W x 1.43 in. D (185 mm x 83 mm x 36 mm)
Weight	6.5 oz. (184 g) without battery
Battery Type	9V alkaline (not included)
Position Accuracy*	<p>Up to a depth of ¾ in. (19 mm): Typically within ⅛ in. (3 mm)</p> <p>Up to a depth of 1½ in. (38 mm): Typically within ⅜ in. (5 mm)</p> <p>In Metal Scan mode: Typically within ½ in. (13 mm) using the dual scan and mark procedure</p>
Depth*	<p>StudScan mode: Up to ¾ in. (19 mm)</p> <p>DeepScan® mode: Up to 1½ in. (38 mm)</p> <p>Metal Scan mode: Up to 3 in. (76 mm) for rebar</p>
WireWarning® Position Accuracy*	Typically 90-250 V at 50-60 Hz within 6 in. (152 mm) of a hot unshielded wire in drywall
WireWarning® Depth*	In typical wall with Romex® wiring, wire can be detected up to 2 in. (51 mm) deep
Operating Temperature	20° to 105°F (-7° to 41°C)
Storage Temperature	-20° to 150°F (-29° to 66°C)
Humidity	5-90% RH (non-condensing)
Water Resistance	Splash and water resistant, not waterproof

*NOTE: See tool's instructions for more information. Sensing depth and accuracy can vary due to moisture, content of materials, wall texture, paint, etc. Indoor use only.



Find Stud Center



Find Wood or Metal Studs



Scan Thick Walls for Studs



WireWarning® Detection



Scan for Metal



Scan for Electrical