

EDGE FINDER

StudSensor™ Pro SL-AC



Deep-Scanning Stud Finder with SpotLite® Pointing System and WireWarning® Detection

StudSensor™ Pro SL-AC quickly and easily locates the edges of wood and metal studs and joists behind walls, floors, and ceilings. The patented SpotLite® Pointing System shines a beam of light on the wall to identify the target, and WireWarning® detection indicates the presence of live AC voltage. Its tough, ergonomic housing withstands everyday jobsite use.

- Stud Scan mode locates the edges of wood or metal studs up to ¾ inch (19 mm) deep
- DeepScan® mode doubles the scanning depth to 1½ inches (38 mm)
- Red LEDs light up every time a stud edge is approached
- Patented SpotLite® Pointing System, an audio alert, and a green LED signals when the stud edge is reached
- WireWarning® detection indicates the presence of live, unshielded electrical wiring up to 2 inches deep
- Should scanning begin over a stud, Zircon's patented "over-the-stud" indicator alerts the user to start the scan in a new location
- Patented TruCal® technology calibrates to any wall's density and a steady green LED TruCal® light alerts the user when the tool is ready and calibrated



SPECIFICATIONS

Dimensions	6.07 in. H x 2.70 in. W x 1.18 in. D (154 mm x 68 mm x 30 mm)
Weight	4.1 oz. (116 g) without battery
Battery Type	9-V alkaline (not included)
Position Accuracy*	Up to a depth of ¾ in. (19 mm): typically within ⅛ in. (3 mm) using the dual scan and mark procedure Up to a depth of 1 ½ in. (38 mm): typically within ⅜ in. (5 mm) using the dual scan and mark procedure
Depth*	Stud Scan mode: up to ¾ in. (19 mm) DeepScan® mode: up to 1-½ in. (38 mm)
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	20° to 120°F (-7° to 49°C)
Storage Temperature	-20° to 150°F (-29° to 66°C)
Humidity	80% RH (noncondensing)
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.



Find Stud Edges



Scan Thick Walls for Studs



Find Wood or Metal Studs



WireWarning® Detection