EDGE FINDING

StudSensor™ L50

Deep-Scanning Stud Finder with SpotLite® Pointer and WireWarning® Detection



The StudSensor™ *L*50 quickly and easily locates the edges of wood and metal studs and joists behind walls, floors, and ceilings. Its easy-to-read display indicates stud edges, SpotLite® Pointer shines a beam of light on the wall to clearly identify the target, and WireWarning® detection indicates the presence of live AC voltage. Its patented pinch grip and contoured shape provide an easy, secure hold in either hand, at any angle.

- **StudScan mode** locates the edges of wood or metal studs up to 19 mm deep
- **DeepScan® mode** doubles the scanning depth to 38 mm deep
- **READY icon** displays when calibration has completed successfully
- **Easy-to-read LCD display** indicates when a stud edge is approached
- Zircon's patented **"over-the-stud" indication** alerts you to start the scan in a new location if scanning begins over a stud
- **WireWarning® Detection** indicates the presence of live, unshielded AC electrical wiring up to 51 mm deep
- **SpotLite® Pointer** shines an arrow-shaped light on the wall to clearly indicate the edge of the stud
- **Translucent base and illuminated "V" marker groove** for more accurate marking of stud edge location
- **Rubber handle** for non-slip grip


Find Stud Edges


Find Wood or Metal Studs


Scan Thick Walls for Studs


WireWarning® Detection

SPECIFICATIONS

Dimensions 168 mm H x 71 mm W x 43 mm D

Weight 126 g without battery

Battery Type 9V alkaline, required

Position Accuracy*
Up to a depth of 19 mm:
Typically within 3 mm using the dual scan and mark procedure
Up to a depth of 38 mm:
Typically within 5 mm using the dual scan and mark procedure

Depth* **StudScan mode:** Up to 19 mm
DeepScan® mode: Up to 38 mm

WireWarning® Position Accuracy*
Typically 90-250 V at 50-60Hz within 152 mm of a hot, unshielded wire in drywall

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. Not recommended for use on lath and plaster. Indoor use only.

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