

CENTER FINDING

StudSensor™ A150

Center Finding Stud Finder with WireWarning® Detection



StudSensor™ A150 can locate the edges and center of studs and joists. Equipped with a Signal Strength Indicator, the A150 helps determine whether the object detected is closer or further from the surface for more accurate mapping of the wall. The Low Battery Indicator alerts the user when the battery should be replaced. The SpotLite® Pointer, ultra-bright LCD screen, and audio tone indicate the location of the specified target.

- **StudScan Mode** locates the center, edges, and direction of wood and metal studs up to ¾ in. (19 mm) deep
- **DeepScan® Mode** doubles the scanning depth to locate the center, edges, and direction of wood and metal studs up to 1½ in. (38 mm)
- **WireWarning® Detection** indicates the presence of live, unshielded AC electrical wiring up to 2 in. (50 mm) deep in both stud scanning modes
- **ACT™ (Auto Correcting Technology)** automatically recalibrates the StudSensor™ when needed. ACT™ also corrects common errors, such as when scanning begins over a stud
- **Low Battery Indicator** alerts the user to replace the battery with a brand new battery with an extended expiration date for optimum performance
- **Signal Strength Indicator** helps to distinguish between shallow and deep targets
- **SpotLite® Pointer** shines an arrow-shaped light on the scanned surface to clearly indicate the location of the target
- **Translucent base and illuminated "V" marker groove** provides more accurate marking of target location
- **Ergonomically designed grip** allows a comfortable hold on the tool for any size hand, at any angle



Find Stud Center



Find Wood or Metal Studs



Scan Thick Walls for Studs



WireWarning® Detection



SPECIFICATIONS

Dimensions 7.05 in. H x 2.92 in. W x 1.65 in. D
(179 mm x 74 mm x 42 mm)

Weight Weight 5.47 oz. (155 g) without battery

Battery Type 9V alkaline, required

Position Accuracy*

Up to a depth of ¾ in. (19 mm):

Typically within ⅛ in. (3 mm) for center, ¼ in. (5 mm) for edge

Up to a depth of 1½ in. (38 mm):

Typically within ¼ in. (6 mm) for center

Depth* **StudScan Mode:** Up to ¾ in. (19 mm)
DeepScan® Mode: Up to 1½ in. (38 mm)

WireWarning® Position Accuracy*
Typically 90-250 V at 50-60Hz within 6 in. (152 mm) of a hot unshielded wire

WireWarning® Depth*
In typical wall with Romex® wiring, wire can be detected up to 2 in. (50 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: USE ONLY IN ACCORDANCE WITH A150 INSTRUCTIONS.**
Sensing depth and accuracy can vary depending on scanning environment conditions such as mineral contents, moisture, texture and consistency of the wall materials. Not recommended for use on lath and plaster.
Indoor use only.