

## EDGE FINDING

# StudSensor™ Pro45

## Deep-Scanning Stud Finder with WireWarning® Detection



The deep-scanning StudSensor™ Pro45 stud finder features a patented ergonomic grip to make stud finding quick and simple. It features a bright user-friendly interface to locate the edges of wood and metal studs and joists while being warned of live, unshielded AC electrical wiring. Securely anchor pictures, mirrors, shelves, and more.

- **StudScan Mode** locates the edges of wood and metal studs up to ¾ in. (19 mm) deep
- **DeepScan® Mode** doubles the scanning depth to 1½ in. (38 mm) deep
- **READY Light** indicates when calibration is complete and tool is ready for use
- **EDGE Arrow** lights up sequentially as the tool approaches a stud and fully illuminates when the stud edge is located
- Zircon's patented "over-the-stud" feature alerts if scan begins over a stud
- **WireWarning® Detection** indicates the presence of live, unshielded AC electrical wiring up to 2 in. (50 mm) deep
- **SpotLite® Pointer** shines an arrow-shaped image on the scanned surface to clearly indicate the edge of the stud
- A "V" marker groove enables accurate marking of stud edge location
- **Ergonomic grip** for a secure hold in either hand at any angle



Find Stud Edges



Find Wood or Metal Studs



Scan Thick Walls for Studs



WireWarning® Detection



### SPECIFICATIONS

**Dimensions** 6.78 in. H x 2.84 in. W x 1.66 in. D  
(172 mm x 72 mm x 42 mm)

**Weight** 4.4 oz. (125 g) without battery

**Battery Type** 9V alkaline, required

**Position Accuracy\*** **Wood studs:** Typically within ¼ in. (3 mm) using the dual scan and mark procedure  
**Metal studs:** Typically within ½ in. (13 mm) using the dual scan and mark procedure

**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. (150 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 PRO45 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.**