

CENTER FINDING

StudSensor™ HD70

Deep Scanning Stud Finder with WireWarning® Detection and Backlit Display



The StudSensor™ HD70 center finding stud finder boasts more design innovations by Zircon. Featuring an enhanced bright, backlit LCD display, it debuts a new Target Spotlight that illuminates on-screen when you've found the center of a stud. A low battery indicator also lets you know when your battery should be replaced for optimum performance. Select from two stud scan modes to find the center, edges, and direction of wood and metal studs while also avoiding live AC electrical wiring.

- **StudScan mode** locates the center, edges, and direction of wood or metal studs up to ¾ in. (19 mm) deep
- **DeepScan mode®** doubles the scanning depth to 1½ in. (38 mm)
- **WireWarning®** detection indicates the presence of live, unshielded AC electrical wiring up to 2 in. (51 mm) deep
- **ACT™ (Auto Correcting Technology)** automatically corrects common errors, such as when scanning begins over a stud
- **Backlit LCD display with Target Spotlight** indicates the direction and edge of the stud and illuminates when the center of the stud is detected
- **Low battery indicator** for optimum performance
- **Signal Strength indicator** helps to distinguish between shallow and deep targets
- **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 Center



Find Wood or Metal Studs



Scan Thick Walls for Studs



WireWarning® Detection

SPECIFICATIONS

Dimensions 7.09 in. H x 2.93 in. W x 1.36 in. D (180 mm x 74 mm x 34 mm)

Weight 5.6 oz. (159 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 1 ½ in. (38 mm): Typically within ¼ in. (6 mm) for center

Depth* StudScan mode: Up to ¾ in. (19 mm)
DeepScan® mode: Up to 1 ½ 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. (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: 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.