

EDGE FINDING

StudSensor[™] e50



All-New Deep-Scanning Stud Finder with Patented Pinch Grip Design, New SpotLite® Pointer, and WireWarning® Detection

The StudSensor™ e50 quickly and easily locates the edges of wood and metal studs and joists behind walls, floors, and ceilings. Its easyto-read display screen indicates stud edges. the patented SpotLite® Pointer shines a beam of light on the wall to identify the target, and WireWarning® detection indicates the presence of live AC voltage. Its new 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 3/4 inch (19 mm) deep
- DeepScan® mode doubles the scanning depth to 1½ inches (38 mm)
- Easy-to-read LCD display indicates when a stud edge is approached
- Updated SpotLite® Pointer shines an arrowshaped light on the wall to mark the target
- WireWarning® detection indicates the presence of live, unshielded electrical wiring up to 2 inches (51 mm) deep
- Should scanning begin over a stud, Zircon's patented "over-the-stud" indication alerts the user to start the scan in a new location
- Patented TruCal® technology indicates when the tool is calibrated and ready

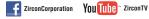


Scan Thick Walls for Studs





WireWarning® Detection





Find Stud Edges





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SPECIFICATIONS

6.66 in. H x 2.80 in. W x 1.69 in. D Dimensions

(169 mm x 71 mm x 43 mm)

4.3 oz. (122.6 g) without battery Weight

Battery Type 9V alkaline (not included)

Position Up to a depth of 3/4 in. (19 mm): Accuracy*

Typically within 1/2 in. (3 mm) using the dual scan and mark procedure Up to a depth of $1\frac{1}{2}$ in. (38 mm): Typically within 3/16 in. (5 mm) using the

dual scan and mark procedure

Depth* StudScan mode: Up to 3/4 in. (19 mm)

DeepScan® mode: Up to 1½ in.

(38 mm)

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

Accuracy* wire in drywall

WireWarning® In typical wall with Romex™ wiring, Depth* wire can be detected up to 2 in.

(51 mm) deep

20° to 105°F (-7° to 41°C) Operating

Temperature Storage

-20° to 150°F (-29° to 66°C)

Temperature

Humidity 5-90% RH (non-condensing) Water Splash and water resistant, not

Resistance 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. Indoor use only.