

### 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 easy-to-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 ¾ inch (19 mm) deep
- DeepScan® mode doubles the scanning depth to 1 ½ inches (38 mm)
- Easy-to-read LCD display indicates when a stud edge is approached
- Updated SpotLite® Pointer shines an arrow-shaped 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



Find Stud Edges



Scan Thick Walls for Studs



Find Wood or Metal Studs



WireWarning® Detection

#### SPECIFICATIONS

<b>Dimensions</b>	6.66 in. H x 2.80 in. W x 1.69 in. D (169 mm x 71 mm x 43 mm)
<b>Weight</b>	4.3 oz. (122.6 g) without battery
<b>Battery Type</b>	9V alkaline (not included)
<b>Position Accuracy*</b>	<b>Up to a depth of ¾ in. (19 mm):</b> Typically within ½ in. (3 mm) using the dual scan and mark procedure <b>Up to a depth of 1 ½ in. (38 mm):</b> Typically within ¾ in. (5 mm) using the dual scan and mark procedure
<b>Depth*</b>	<b>StudScan mode:</b> Up to ¾ in. (19 mm) <b>DeepScan® mode:</b> Up to 1 ½ in. (38 mm)
<b>WireWarning® Position Accuracy*</b>	Typically 90-250 V at 50-60 Hz within 6 in. (152 mm) of a hot unshielded wire in drywall
<b>WireWarning® Depth*</b>	In typical wall with Romex™ wiring, wire can be detected up to 2 in. (51 mm) deep
<b>Operating Temperature</b>	20° to 105°F (-7° to 41°C)
<b>Storage Temperature</b>	-20° to 150°F (-29° to 66°C)
<b>Humidity</b>	5-90% RH (non-condensing)
<b>Water Resistance</b>	Splash and water resistant, not 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.