# ZIRCON®

## CENTER FINDING

# MultiScanner® HD900c

## Multifunction Wall Scanner with Advanced ColorTrip™ Multicolor Display

MultiScanner® HD900c vibrantly locates studs, metal, and live AC electrical wiring behind walls, floors, and ceilings. The advanced ColorTrip™ multicolor display lights green in stud scan, blue in metal, and red in live AC scan. Screen flashes, or lights red, to alert the presence of live AC in Stud, DeepScan®, and Metal Scan modes. A 4-mode switch makes it easy to change modes, while the ultra-bright display screen, SpotLite® Pointer, and audio tone all indicate the location of the target.

- **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 in stud and metal scanning modes

- **Metal Scan mode** locates non-ferrous metal, such as copper pipe, up to 1½ in. (38 mm) deep, and ferrous metal, such as rebar, up to 3 in. (76 mm) deep

- **AC Scan mode** locates 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

- **ColorTrip™ multicolor 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 center of the stud

- **Translucent base and illuminated "V" marker groove** for more accurate marking of target location

**Find Stud Center**

**Find Wood or Metal Studs**

**Scan Thick Walls for Studs**

**WireWarning® Detection**

**Scan for Metal**

**Scan for Electrical**

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### SPECIFICATIONS

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|---|---|---|---|---|---|
| **Dimensions** | 7.72 in. H x 3.23 in. W x 1.59 in. D (196 mm x 82 mm x 40 mm) | **Depth*** | **StudScan mode:** Up to ¾ in. (19 mm)<br>**DeepScan® mode:** Up to 1½ in. (38 mm)<br>**Metal Scan mode:** Up to 1½ in. (38 mm) for copper, up to 3 in. (76 mm) for rebar | **Operating Temperature** | 20° to 105°F (-7° to 41°C) |
| **Weight** | 8.0 oz. (227 g) without battery | | | **Storage Temperature** | -20° to 150°F (-29° to 66°C) |
| **Battery Type** | 9V alkaline, required | **AC & WireWarning® Position Accuracy*** | Typically 90-250 V at 50-60 Hz within 6 in. (152 mm) of a hot unshielded wire in drywall | **Humidity** | 5-90% RH (non-condensing) |
| **Position Accuracy*** | **Up to a depth of ¾ in. (19 mm):** Typically within ⅛ in. (3 mm)<br>**Up to a depth of 1½ in. (38 mm):** Typically within ³⁄₁₆ in. (5 mm)<br>**In Metal Scan mode:** Typically within ½ in. (13 mm) using the dual scan and mark procedure | **AC & WireWarning® Depth*** | In typical wall with Romex® wiring, wire can be detected up to 2 in. (51 mm) deep | **Water Resistance** | Splash and water resistant, not waterproof |

*Position Accuracy fractions: within $\frac{1}{8}$ in. (3 mm); $\frac{3}{16}$ in. (5 mm); $\frac{1}{2}$ in. (13 mm)*

***NOTE:** Sensing depth and accuracy can vary due to moisture, content of materials, wall texture, paint, etc. Indoor use only.

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