

A Higher Form of Tools

ZIRCON®

CENTER FINDER

MultiScanner® i700 OneStep®



Multifunction Wall Scanner with CenterVision® Technology, Ultra-Bright Display Screen, Auto Correcting Technology, and Built-in Erasable Marker

MultiScanner® i700 OneStep® quickly and easily locates studs, metal, and hot electrical wiring behind walls, floors and ceilings. Zircon-exclusive CenterVision® technology finds the center of studs in a single pass. The ultra-bright display screen indicates direction, edge, and center of studs while the signal strength indicator distinguishes between shallow and deep targets. The unique floating-head design keeps the scanning head flat on rough surfaces even if the handle is rocked or tilted. The integrated, erasable marker allows for one-handed operation.



SPECIFICATIONS	
Dimensions	7.6 in. H x 3.6 in. W x 1.7 in. D (193 mm x 91 mm x 43 mm)
Weight	7.4 oz (210 g) with battery
Battery type	9-V (included)
Estimated battery life	2 years at 10 minutes per day with alkaline battery
Position accuracy	Stud Scan mode: typically within 1/8 inch (3 mm) using the dual scan and mark procedure DeepScan mode: typically within 3/16 inch (5 mm) using the dual scan and mark procedure Metal Scan mode: Typically within 1/2 in. (13 mm) using the dual scan and mark procedure
Depth	Up to 3/4 in. (19 mm) in StudScan mode Up to 1-1/2 in. (38 mm) in DeepScan mode Up to 1-1/2 in. (38 mm) for copper in Metal Scan mode Up to 3 in. (76 mm) for rebar in Metal Scan mode NOTE: Sensing depth and edge detection can vary due to moisture content of materials, wall texture, paint, etc.
AC position accuracy	Typically 90-250 V at 50-60 Hz within 6 inches (150 mm) of a hot unshielded wire in drywall.
AC depth	In typical drywall with Romex™ wiring, wires can be detected up to 2 inches (50 mm) deep NOTE: Sensing depth and position accuracy can vary due to moisture content of materials, wall texture, and paint.
Operating temperature	32° to 122°F (0° to 50°C)
Storage temperature	-14° to 140°F (-10° to 60°C)
Humidity	80% RH (noncondensing)
Water resistance	Splash and water resistant, not waterproof

- Stud Scan mode to find the center of wood or metal studs or joists up to 1-1/2 in. (38 mm) deep
- Metal scan mode to locate ferrous metal, such as rebar, up to 3 in. (76 mm) deep and non-ferrous metal, such as copper pipe, up to 1-1/2 in. (38 mm) deep
- AC Scan mode to locate hot electrical wires even when they're encased in plastic conduit
- WireWarning® Alert detects the presence of hot electrical wiring in stud and metal scanning modes
- ACT™ (Auto Correcting Technology) corrects common user errors automatically, such as when scanning begins over a stud.

Use the MultiScanner® i700 to install cabinets, add electrical outlets, mount flat-panel televisions on the wall, and other remodeling projects.



- Find Wood or Metal Studs
- Scan Thick Walls for Studs
- Scan for Electrical
- Scan for Metal
- Erasable Marker