

### Measuring principle

This wall detector uses a mix of electromagnetic induction principle and eddy current to detect and locate metal pipes, wooden studs, and other foreign objects inside walls and ceilings.

### Applications

Wall Detectors help in locating pipes and other objects inside walls and ceilings, useful in construction industry. A drill operator can safely drill holes, any rework can be planned, and it is an important tool for all involved in the construction industry.

### Features

- Three separate modes for metal, AC wire and foreign object detection
- Three levels of sensitivity for accurate detection
- User friendly menu operation with negative display for better readability
- Center hole for drill markings
- Type C charging
- English and Hindi manual



### Technical Specifications

Model	Metrix+ WD 09
Detection type	<p><b>Metal Detection</b>- Magnetic metals (steel bars, rebars, iron, etc), non-magnetic metals (wires, copper pipes, etc)</p> <p><b>Cable Detection</b> (AC live wires)</p> <p><b>Wooden Detection</b> (wooden studs, wood rails, light steel joists, nails, conduits, other foreign objects, behind plasterboard walls, bare wood floors, plywood, coated wood walls) (wooden detection cannot detect objects in concrete, mortar, blocks, bricks, carpets, foil-faced materials, metal surfaces, tiles, glass or any other dense materials)</p>
Detection depths	<p>Ferrous metals: 120mm</p> <p>Non-ferrous metals(copper, etc): 100mm</p> <p>AC wires: 50mm</p> <p>Single stranded copper wire (<math>\geq 4\text{mm}^2</math>): 40mm</p> <p>Other foreign objects(usually wooden materials): 38mm</p>
Detection indications	Detection depth distance in main display with prompts for detection strength, light indication and sound indication
Working conditions	<p>Temperature: <math>-10 \sim 50^\circ\text{C}</math></p> <p>Humidity: <math>0 \sim 85\%</math> (metal mode), <math>0 \sim 60\%</math> (foreign object mode), <math>0 \sim 30\%</math> (AC wire mode)</p>

<b>Battery</b>	3.7V 300mAh, ~2hrs continuous usage time
<b>Dimensions</b>	138 x 68 x 22mm
<b>Auto shutdown time</b>	5mins of no activity
<b>Standard accessories</b>	Main unit, manual, charging cable, pouch; gift box packing

Pictures:

**Metrix+**<sup>TM</sup>

**EVERY DETAIL IS METICULOUSLY POLISHED**

- ANTI-SLIP TEXTURE ON THE SIDE
- ABS SHOCKPROOF SHELL
- THROUGH-TYPE ACRYLIC PANEL
- SILICONE FEEL BUTTONS
- TFT HD COLOR SCREEN
- TYPE-C CHARGING



**Metrix+**<sup>TM</sup>

**PRECISE POSITIONING DETECTION**

Sensitivity can be adjusted according to needs, the lower the sensitivity, the higher the accuracy (please adjust according to the used environment)

**Metrix+™**

Quickly locate edges and center metal, studs, joists, pipes live AC wire behind walls floors and ceilings

Wooden: ≤38mm

AC wires: ≤40mm

Metal pipes: ≤100mm

Rebars: ≤120mm

**Metrix+™**

**MULTIPLE PREDICTIONS, SAFETY WORK**

See through walls like Superman

**THE SCREEN DATA SHOWS**  
Target depth/Arrive at the detection center/Detect material

**INDICATOR LIGHT**  
Lights up yellow/red depending on target distance, Green light (No target)

**BEEP ALERT**  
It will beep when a target is detected. Continuous alerts when reaching the center.

**Metrix+™**

**WALL DETECTOR SCANNER**

Lithium Battery Powered

New Structural Design

Precise Positioning