Satisfy Professional's Needs

Rechargeable Wall Scanner DWD181



Overwhelming detection accuracy

XPT

18V LITHIUM-ION

Scene mode is selectable to suit wall surface material.

Dry concrete mode



Wet concrete mode



Partition mode



Radar view mode



High detection accuracy

Max detection depth*1

180 mm

Detection object: Ø10mm or larger rebar in dry concrete

*1 Varies by the size, shape and material of the embedded material, as well as the material, condition and internal structure of the scanned wall.

Easily detects embedded objects.



Startup



Detection mode selection



Scene mode selection



Scan



Marking

Embedded metal, live electrical cables and plastic pipes can be detected.

Makita's reliable solution to detect diagonally embedded objects

Able to detect linear objects in concrete like rebars

Also able to detect diagonally curving objects in concrete like combined ducts or flexible plastic conduits

Single detection mode



Hold the scanner against the wall surface.

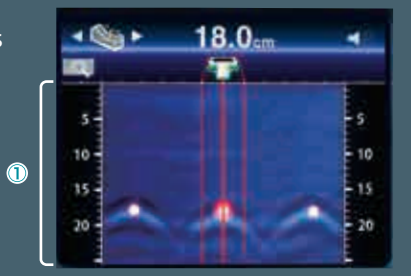
▼

Move the scanner slowly side to side.

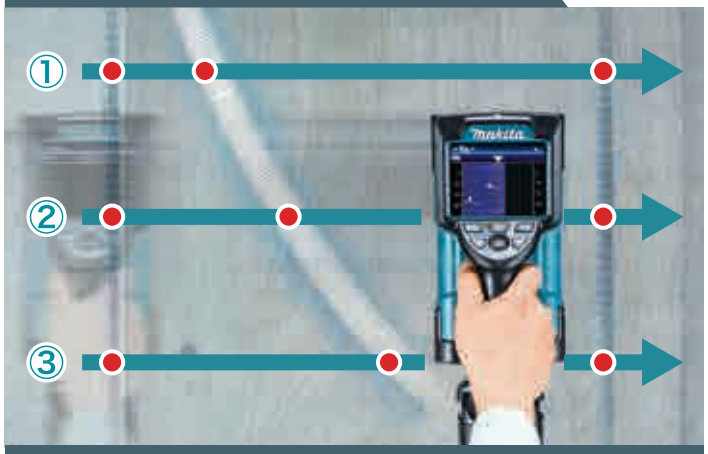
▼

- The presence of embedded object is indicated visually on the screen and acoustically by a signal sound.
- The depth from wall surface to the object is also indicated.

More accurate scan can be made by drawing guide line on the wall surface then by aligning the laser line of the scanner with the drawn line.



Multi detection mode



Hold the scanner against the wall surface.

▼

Move the scanner slowly side to side.

▼

Scan tracks ② and ③ the same way.

▼

Scan results of up to 3 tracks can be displayed clearly at a time.



Scene mode is selectable to suit wall surface material.

*2 Some embedded objects may not be detected up to the maximum detection depth depending on their size, shape and material, as well as the material, condition and internal structure of the wall to be scanned.

Dry concrete mode

Max detection depth **180 mm*2**



For detecting rebars or plastic pipes in dry concrete

Wet concrete mode*3

Max detection depth **100 mm*2**



For detecting rebars or plastic pipes in wet concrete

Partition mode

Max detection depth **80 mm*2**



For detecting studs or steel frame behind wood or drywall

Radar view mode

(Object can be discerned by checking the wave pattern.)



For detecting composite objects, such as rebars and cavities, in concrete block or brick wall

*3 Concrete needs several months to be completely dried since placed, and the concrete less than one year after the placement is referred to as wet concrete. Select this scene in the case of wet concrete, but to make it double sure, it is recommended that "Dry Concrete" be also used.

Extra easy-to-read
Full-color LCD with backlight

4.1 Large screen inch



Scan result display in real size



LED job lights



Laser Guide



Speaker



Wheels



Display brightness adjustment



Sleep timer*1
OFF / 10 / 20 / 30 / 60 / 120 / 240 seconds



Off timer*2
OFF / 1 / 3 / 5 / 10 minutes

*1Sets the period of time elapsed before the display backlight, guide laser and light are turned off

*2Sets the period of time to elapse for the scanner to be automatically turned off

Continuous run time (approx)
On a full battery charge

BL1815N 1.5Ah	**7h**
BL1820B 2.0Ah	**9.5h**
BL1830B 3.0Ah	**14h**
BL1840B 4.0Ah	**19h**
BL1850B 5.0Ah	**24h**
BL1860B 6.0Ah	**28h**

Rechargeable Wall Scanner
DWD181

Built-in Job Light
Carrying Case

Max Scanning Depth	*Metal: 180 mm*
	Resin Tube: 120 mm
	Black Wire: 120 mm
	Wood: 25 mm
Scanning Accuracy	*+/-5 mm*
Minimum Scannable Distance	*40 mm*
Display Size	*4.1"*
Max Run Time (hours)	*w/ BL1860B / BL1850B/ BL1840B / BL1830B / BL1820B / BL1815N:*
	28 / 24 / 19 / 14 / 9.5 / 7
Dimensions (L x W x H)	*w/ BL1830B / BL1840B / BL1850B / BL1860B:*
	306x118x124 mm (12"x4-5/8"x4-7/8")
Net weight	*1.3 - 1.7 kg (2.9 - 3.8 lbs.)**
	**BL1415N - BL1860B*

Items of standard equipment and specifications may vary by country or area.

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