

Applications and advantages

- Detecting metal, wood or plastic objects and electrical conduits at depths up to 5-7/8 in
- Quickly and easily locate objects under the surface of structures prior to drilling, coring, sawing or slitting
- Drilling anchor holes or through penetrations for pipe and cable installations with minimized risk of hitting concealed objects
- Locating underfloor heating pipes or other pipe and cable runs
- Setting anchors in hollow or thermally activated slabs
- Locate studs for efficient fastenings
- Helps you drill right the first time — knowing where to drill helps avoid costly repairs, saves time and drill bits
- A real problem solver that brings peace of mind in anchoring or coring applications when plans are no longer available, e.g. in renovation projects
- Built-in display for easy location of objects detected plus indication of approximate embedment depth and type of material – no expert skills required
- Detection of ferrous and non-ferrous metal, live wire, plastic pipes and other objects like wood and cavities
- Easy menu navigation for selection of the appropriate scanning mode for different base materials (universal, concrete, wet concrete, floor heating, drywall, hollow brick)



CONCRETE SCANNING GOES DEEPER.

Multidetector PS 50

The new Hilti Multidetector PS 50 brings new depth to area scanning. The self-calibrating tool uses pulsed radar technology to detect a variety of concealed objects at depths up to 5-7/8 in (15 cm) with high accuracy. Two additional sensors allow for the classification of those objects and the detection of live wire. All the information is intuitively displayed on the large screen, helping to make costly damage caused by drilling into pipes or cables a thing of the past.



*Some limitations apply. Contact Hilti for details.

PULSE III POWER

Technical Data	PS 50
Accuracy of depth indication ¹⁾	±3/8 in
IP protection class	IP 54 (IEC 529)
Battery type	4 x 1.5 V (AA)
Operation time with alkaline battery	5 h
Operation time with rechargeable batteries (2500 mAh)	7 h
Operating temperature range	14 - 122 °F
Dimensions (LxWxH)	7.7 x 3.5 x 3 in
Max. detection depth for object localization ¹⁾	5-7/8 in

¹⁾ Performance and accuracy can be significantly affected by site conditions. See operating instructions.

Order Information

Description	Package Contents	Item No.
Multidetector PS 50	Includes tool, tool bag, batteries, Marker pens PUA 70, handstrap and operating instructions in an impact-resistant plastic tool case	2075720
Marker pen set PUA 70	Includes (12) Marker pens PUA 70	340806



Hilti. Outperform. Outlast.