Product brochure

Leica DT100 + DE100

Precision locating of underground utilities







More information about the signal in the field.

DT100 combines several locating methods with frequency analysis and a clear display. The DE100 transmitter enables active tracing of a selected utility. GeoScanners offers individual instruments and kits with clearly defined contents.

4.3"
colour display

50 Hz-200 kHz
receiver frequency range

IP65
protection of both instruments

Original adaptation and translation: geoscanners.pl. Based on Leica Geosystems materials.

Photos and technical data: Leica Geosystems / Hexagon.

From checking the site to tracing the route

In a congested utility corridor, selecting a suitable signal and checking its quality matter. DT100 lets you compare readings in different modes, while the frequency analyser helps select settings in the presence of interference.





Five locating modes

Single Peak, Twin Peak, Null, Sweep and Twin Sweep help match the reading to the task. Confirm the utility direction and signal readings from several receiver positions.

Active tracing

Apply a transmitter signal using connection leads, a compatible clamp or induction. Choose the method according to access to the utility and safe working procedures.

Clear readings and data storage

The 4.3-inch colour display shows measurement data. DT100 has 4 GB of memory and Bluetooth Low Energy 5.1. The frequency analyser helps assess noise before active locating.

Power options matched to the kit

The basic DT100 + DE100 kit includes AA and D/LR20 battery holders. Li-Ion versions add one rechargeable battery and one charger for each instrument, while retaining the holders. A clamp is included only in the kit explicitly identified as including it.

Technical datasheet

DT100: checking the route and signal

Frequency range	50 Hz-200 kHz
Display	4.3-inch transflective colour display
Depth readings*	Up to 6 m automatically; up to 11 m by button
Memory / connectivity	4 GB / Bluetooth Low Energy 5.1
Ingress protection	IP65

DE100: selecting the signal and power

Frequency range	256 Hz-200 kHz
Output power	Up to 10 W with Li-Ion; up to 5 W with alkaline batteries
Signal application methods	Direct connection, clamp, induction
Maximum current	Up to 1 A; above 45 kHz: up to 0.5 A
Power supply	8 × D / LR20 or a Li-Ion battery

Above 45 kHz, the maximum power is 1 W. The power available on the utility also depends on the load and connection method.

* Depth reading limits are not guaranteed detection depths. Accuracy applies to a single, undistorted signal under the conditions specified by the manufacturer. Range depends on the signal, ground, utility and sonde.

GeoScanners
SKLEP INTERNETOWY

Choose equipment for your work

Leica utility locators: kit selection, demonstrations and purchase advice.

- when it has to be right





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