Product brochure

Leica DD100 + DA175

Cable and pipe locators with a signal transmitter



Check the site. Select the signal. Trace the route.

DD120, DD130 and DD175 help establish the route of conductive utilities before work begins. The DA175 transmitter applies a signal to a selected line so that its route can be traced. Choose a model to suit your working methods and documentation needs.

DD120 / DD130 / DD175

three locator models

1 W

DA175 active signal

Power / Radio

Power and Radio modes

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

Start by checking available plans and searching the area. Passive modes help locate existing signals, while active locating makes it easier to follow a particular line. Assess the results in the context of site conditions.





Passive search

Power and Radio use signals already present on utilities. The absence of a response does not mean that an area is free of cables or pipes.

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.

Depth: line versus sonde

For a line, the depth estimation range is 0.3-3 m. DD120 estimates sonde depth up to 3 m; DD130 and DD175 up to 9.99 m. These are the limits of the measurement function with a suitable signal, rather than a guaranteed detection range.

Documentation with DD175

DD175 adds data logging, integrated GPS and Bluetooth. DD130 offers signal current measurement without DD175 logging functions. DD120 provides a starting point for everyday tracing.

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Technical datasheet

Compare models before choosing

A common way of working, with different capabilities. The table below separates the features of each locator to help you choose equipment for your task.

Specification	DD120	DD130	DD175
Active frequencies	8 and 33 kHz	8 and 33 kHz; 512 and 640 Hz	8 and 33 kHz; 512 and 640 Hz
Line depth*	0.3-3 m	0.3-3 m	0.3-3 m
Sonde depth*	Up to 3 m	Up to 9.99 m	Up to 9.99 m
Signal current measurement	No	Yes	Yes
Logging / GPS / Bluetooth	No	No	Yes

DA175: a signal for a selected utility

Output power	Up to 1 W at 300 Ω
Direct connection	8 and 33 kHz; 512 and 640 Hz
Ingress protection	IP67: cover closed; IP65: cover open
Power supply	4 × D / LR20 alkaline batteries
Operating temperature	From -20°C to +50°C

* Depth readings require a suitable, undistorted signal. A compatible transmitter is required for a line. Sonde range also depends on the sonde model and its surroundings. The instrument does not directly detect a non-conductive plastic pipe.

Operating time depends on the power level, signal application method and batteries. The 8 and 33 kHz values are mode labels; the nominal frequencies are 8.192 and 32.768 kHz.

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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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