Product guide and technical datasheet

Leica DS4000

Dual-channel GPR for underground utility locating



Leica DS4000 helps investigate subsurface infrastructure and organise results before excavation begins. Two channels with central frequencies of 200 and 900 MHz provide information at different subsurface levels, while EsT technology supports recording across a wide band. Positioning and further data processing can be tailored to individual project requirements. **The base version is the GPR only, without a controller or tablet.** A version with a controller and GNSS pole bracket is also available. Original manufacturer photos show example equipment; the selected configuration defines the supply scope.

Configuration and offer scope

98 000 PLN net (120 540 PLN gross, VAT 23%): GPR only, **without a controller or tablet.**
125 600 PLN net (154 488 PLN gross, VAT 23%): GPR **with a controller and GNSS pole bracket.**
The controller model and any unspecified accessories are confirmed in the quotation.

98 000 PLN net: without controller or tablet
125 600 PLN net: controller + GNSS pole bracket

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

Photos and technical data: Leica Geosystems / Hexagon.

Technical specifications

Leica DS4000

Channels	2
Central frequencies	200 MHz and 900 MHz
Manufacturer inspection frequency range	80-1500 MHz
Technology	EsT - Equalized scrambled Technology
Polarisation configurations	HH and VV
Dimensions folded for transport	750 × 625 × 420 mm
Dimensions in operating position	750 × 625 × 1000 mm
Instrument weight	20 kg
Operating temperature	From -20°C to +50°C
Positioning	Encoder; external GPS/GNSS and total station
Power: surveying / standby	16 W / 12 W
Manufacturer operating time	4 h with one battery; 8 h with two; hot-swap support
Wheels	4 × Ø 310 mm standard; 4 × Ø 380 mm optional
Ingress protection	IP65
Manufacturer-declared compliance	CE, UKCA, FCC, IC
Acquisition and field work	uMap: display, recording, object marking, reports
Further processing options	IQMaps: 3D processing and export to AutoCAD; licence scope to be agreed

Actual range and data quality depend on the medium properties, moisture, target size and orientation, and survey method. Results require interpretation and comparison with available documentation.

Prepared using the manufacturer documentation.

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Choose equipment for your work

GPR systems: configuration advice, demonstrations and individual quotations.

- when it has to be right Leica Geosystems HEXAGON





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