A clearer view of underground utilities

Leica DSX



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View the Leica DSX at Contractors-Tools.com: **Leica DSX utility detection solution**

Leica DSX utility detection solution

For utility repair and maintenance, civil engineering and surveying companies, the Leica DSX utility detection solution, consisting of a portable hardware with intuitive software allows to easily locate, visualise and map utilities. Unlike any other ground penetrating radar (GPR) system, the Leica DSX maximises productivity with cutting-edge software that automates data analysis and creates a 3D utility map on the field.

Set Up Job / Quick Scan

- Set the grid size according to your job's need or start Quick Scan
- Add different background layers, such as Google Maps or DXF/DWG

Data acquisition

- See your scanning path and positioning accuracy in real-time for guidance
- Set point of interests, such as manholes, lamp posts or hydrants

Processing on Site

- Slice through different depths of the 3D detection image
- Use B-scan function to get insights about ground conditions and support in data interpretation
- Identify utilities with the support of the smart algorithm
- Overlay the data with CAD layers

Visualise data

- See utilities in 2D and 3D
- Measure point to point distance
- Identify and mark ground anomalies, objects and features using B-scan view
- Let software lead you to the required utility

Export data

- Export utilities directly to the Leica MC1 machine control software
- Customise and create PDF reports for documentation
- Export in DXF, DWG and SHP format

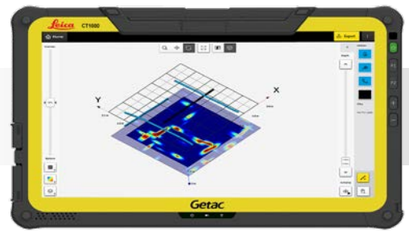


Uncovering utilities clearly and effortlessly



Reliable Detection Result

- Detect all types of underground utilities in high resolution to assure reliable avoidance zones
- Verify detected utilities with the support of the smart algorithm
- Import of POI's and utility records to help you make better decisions



Instant 2D/3D Utility Map

- Save your time on site by mapping underground utilities and identifying subsurface anomalies in just minutes
- Export utilities in CAD formats for further usage
- Create professional reports on site to be used and shared immediately



Ease of Use

- Ensure smooth and accurate underground utility detection without expert knowledge
- Complete utility detection and mapping in just a few steps through the intuitive user interface
- Scan anywhere and at any time, even in narrow areas and under severe conditions



Integrated Solution

- Offer a complete workflow from acquire to excavate
- Locate underground utilities with survey-grade accuracy
- Generate utility maps, compatible with all coordinate reference systems
- Export, store, share and access data on major Cloud service providers
- Maximise troubleshooting efficiency by sharing diagnostics data via Cloud



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Leica Geosystems – when it has to be right

Revolutionising the world of measurement and survey for nearly 200 years, Leica Geosystems, part of Hexagon, creates complete solutions for professionals across the planet. Known for premium products and innovative solution development, professionals in a diverse mix of industries, such as aerospace and defence, safety and security, construction, and manufacturing, trust Leica Geosystems for all their geospatial needs. With precise and accurate instruments, sophisticated software, and trusted services, Leica Geosystems delivers value every day to those shaping the future of our world.

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous — ensuring a scalable, sustainable future.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 21,000 employees in 50 countries and net sales of approximately 3.8bn EUR. Learn more at hexagon.com and follow us @HexagonAB.

Swiss Technology
by Leica Geosystems

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Leica Geosystems AG
Heinrich-Wild-Strasse
9435 Heerbrugg, Switzerland
+41 71 727 31 31

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