

GUIDELINEGEO

MALÅ ConcreteExplorer

GROUND PENETRATING RADAR

Cost efficient investigation of concrete structures



MALÅ

► GPR system for structural investigations

MALÅ ConcreteExplorer (CX) is an easy-to-use GPR system designed for the non-destructive investigation and imaging of concrete and other man-made structures.

The cutting, coring or drilling of concrete structures requires a safe and reliable means of inspection work to locate and identify hidden metallic or non-metallic features that could cause damage to machinery, pose a danger to the operator or the structure itself during these activities.

MALÅ CX system allows you to scan concrete structures simply and safely in 2D and 3D.

This enables quicker, safer and more cost effective data acquisition compared to traditional radiographic testing methods.

With its simple user interface and functional software features, the MALÅ CX offers a unique, powerful choice for your high frequency GPR investigations. The system supports the full range of MALÅ High Frequency (HF) Antennas.

Features

- ▷ Minimal set-up time
- ▷ 2D and 3D (grid) project modes
- ▷ On-site processing
- ▷ Optional EM (50/60Hz) functionality (1.2 and 1.6 GHz only)
- ▷ Supports 3 different antenna frequencies



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System Configuration

A standard MALÅ CX system comes in a portable field-rugged case. Depending on the application and user requirements, the system can also be used with an optional shoulder harness for greater portability and flexibility of use.



Accessories

- ▷ HF mini cart
- ▷ Single measuring wheel
- ▷ Extension handle/ cables
- ▷ Skid / wear plates

Typical applications

- ▷ Concrete investigations
- ▷ Reinforcement studies
- ▷ Void detection
- ▷ Civil engineering
- ▷ Infrastructure & construction
- ▷ Military & Police investigations



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ABEM | MALÅ World Leading Brands

Guideline Geo is a world-leader in geophysics and geo-technology offering sensors, software, services and support necessary to map and visualize the subsurface. Guideline Geo operates in four international market areas: Infrastructure – examination at start-up and maintenance of infrastructure, Environment – survey of environmental risks and geological hazards, Water – mapping and survey of water supplies and Minerals – efficient exploration. Our offices and regional partners serve clients in 121 countries. The Guideline Geo AB share (GGEO) is listed on NGM Equity.

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