



UDM
Utility Detection
& Mapping

CONCRETE SCANNING

C-THRUE

The C-Thrue concrete scanner is invaluable when it comes to accurately investigating slabs and complex structures, while avoiding potential costly damage. Utilising advanced radar technology, we can detect and locate embedded objects like rebar to prevent accidental damage during drilling, cutting or demolition.

As the name suggests, the C-Thrue is an easy-to-use, robust solution to see through concrete structures and reveal accurate data to lead to optimal decision-making. Suited to all construction sites and operations, the C-Thrue can be applied to building renovation, overpasses, monuments, bridges and tunnel surveys as well as for detailed analysis and comparison of engineering projects with as-built structure.

C-Thrue offers limitless flexibility for project analysis requirements thanks to a compact and light telescopic pole and external controller that can be easily transported on site and across challenging locations and conditions. The C-Thrue also allows fast, real-time data processing and results in Augmented Reality for more informed decision-making.

Advantages:

- Improved way of locating rebars, voids, post-tension cables, cavities, conduits and any other objects buried in the structure
- Clearer and faster surveys, detecting both first and second levels of rebar thanks to the system's double polarisation
- Rebar/void automatic insight capabilities
- Simplified data interpretation supported by visualisation of acquired data in 3D models/augmented reality
- Flexibility to be applied everywhere due to lightweight, compact, drop-resistant design and highly transportable system



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