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Concreto



Affordable



Reliable



Cutting-Edge

The Concretto is an Ultra-Wideband (UWB) shielded pulsed Wall Probing Radar (WPR) for non-destructive imaging of subsurface structures. It comprises of a transmitter and receiver boards and antennae, a controller board and a distance measurement module.



Every construction worker's tool

Indispensable tool for every engineer or construction team .

Quick assembly & startup

No fuss assembly and startup in less than 5 minutes.

Versatile & robust

Made for construction sites - waterproof, fall friendly, made to endure.

Noise reduction technology

PCBs designed with low noise topologies producing state of the art tech.

Cheap controller in your pocket

Connect to your Android device, press start and you are now surveying.

Lightweight & easy carry

Packaged neatly in a lightweight backpack, the whole system is under 1kg.

Live data, no latency

Live feed of what is under your feet - no delays, no confusions.





- Material stability evaluation
- Concrete uniformity
- Rebar detection & mapping
- All kinds of pipe detection
- Quickly locate wires and cables
- Detect cracks and weak spots
- Spot air and water pockets
- Detect movement



Air
2.10m

Concrete
0.86m

Asphalt
1.21m

Bricks
1.21m





What You Get

Concretto main module

Handle

Handle extension

Battery charger

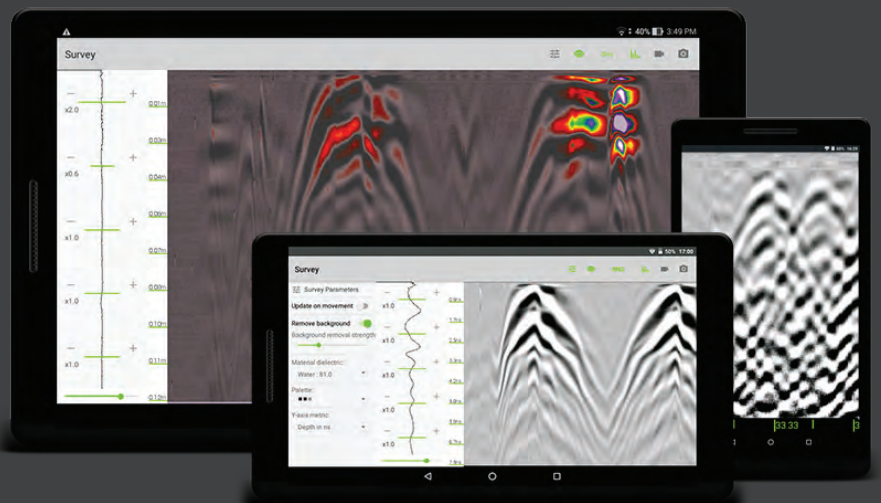
Assembly tools

USB OTG

USB data cables

Oerad data acquisition software

Backpack



Fast & Easy Process

3 - 7 business days



Share your
project needs



Place your
order



Complete
payment



Express
delivery to
your door

Technical Specifications

Frequency Bandwidth	200 MHz - 4000 MHz
Central Frequency	2000 MHz
Time Windows	7.5 ns / 14 ns
Dynamic Range	min 120 dB
Battery Autonomy	8h
Min Vertical Resolution	0.001 m
Min Horizontal Resolution	0.001 m
ADC Range	8 bit
Size	14.5/20/8 cm
Weight	1 kg





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