

Mini Quantum Radar



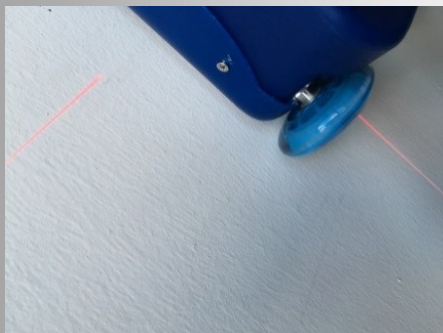
Dual-frequency concrete scanner



Quantum Mini Radar is a rugged, wireless and hand-held scanner for inspection of walls, bridges and other concrete slabs. The technology used in Mini Quantum integrates at the same time:

- 1 Ghz antenna allowing to display high resolution images at low depth
- 2Ghz antenna that will focus on very small objects at very low depth but with a very high resolution.

This simple to use device offers an ideal range of frequencies perfect for exhaustive studies of any surfaces. With its large touchscreen and intuitive software, the grip is effective and the interpretation of the operator facilitated. Several automated filters and treatments are available for optimal visualization during the study.



It is not necessary to make multiple passes and tries anymore to see which antenna is more adapted to a diagnostic. Quantum Mini immediately and simultaneously display the two standard frequencies used on the field.



Macben
Oostjachtpark 12
B-9100 St. Niklaas
T: +32 3 771 48 04
info@macben.be
www.macben.be

Macben Nederland
Smederijstraat 2
NL-4814 DB Breda
T: +31 765 30 23 73
sales@macben.eu
www.macben.eu

Material Testing Equipment

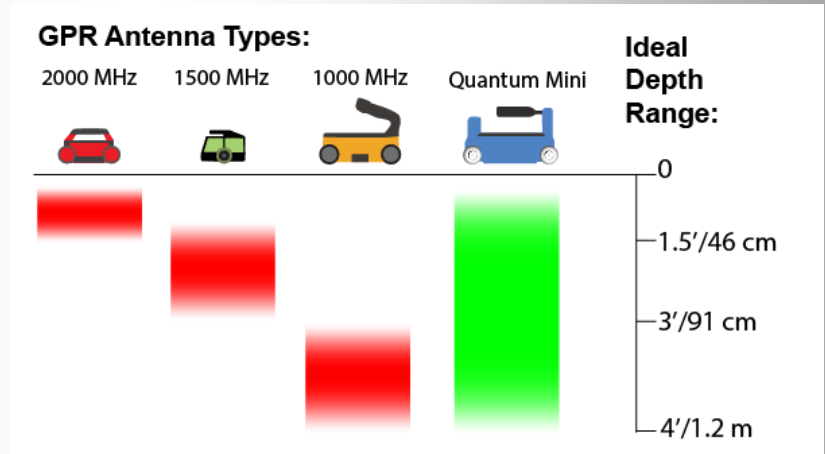


The main advantages

- Dual frequency display, unique in the world
- Portable and light-weight, rugged equipment
- Measuring line with a laser enhanced accuracy
- Touchscreen interface user-friendly and simple to operate, efficient

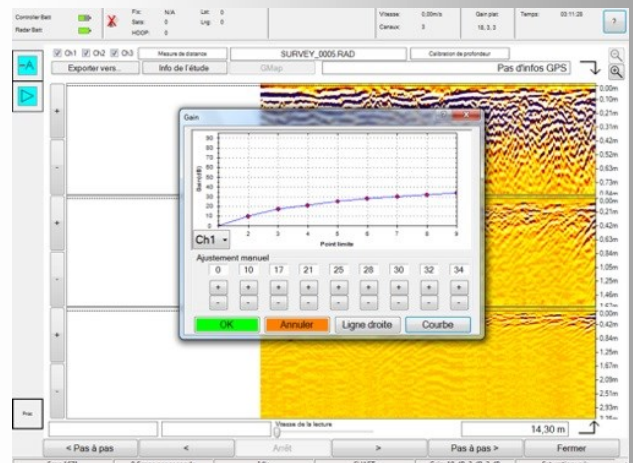
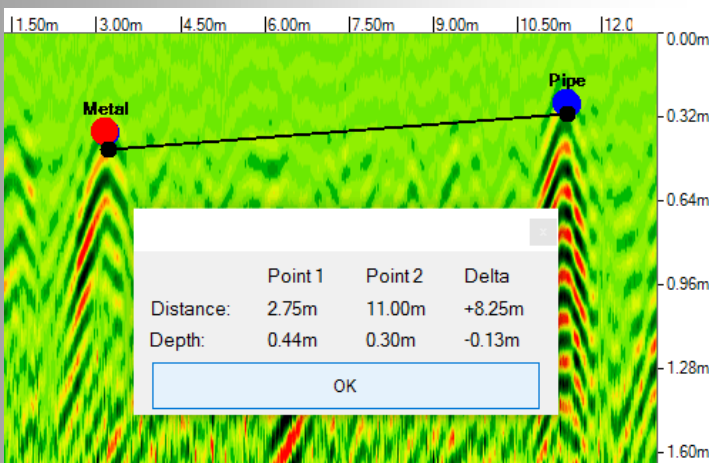


With the previous scanner generations, it was necessary to have several units&antennas to be able to give an exhaustive diagnostic; mainly because each frequency offers a specific range of depth and resolution.



Thanks to the QUANTUM Mini Radar, this is not required anymore: in only one scan, the operator can display at once two radar slices. It saves time, money and a considerable amount of space in the truck.

Moreover, the user can understand much more easily the data read on the screen thanks to the two readings at different frequencies.



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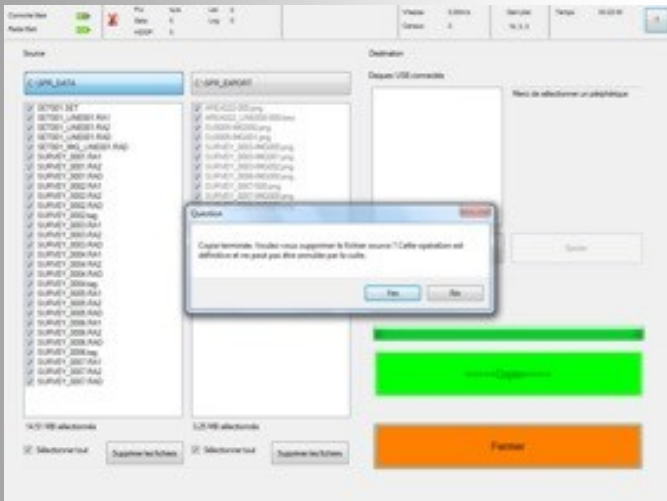
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Technical data



Transmitter	Dual-frequency: 1Ghz / 2GHz
Software	Microsoft Windows7 USRADAR Software including: display of two-frequencies simultaneously, data storage, optional GPS data integration, real-time data annotation on the radar files, depth calibration in automatic or manual mode, frequency settings in automatic mode
Files export	Many different formats are available: png image, pdf reports, autocad, gis, kmh google earth; Quantum data are also compatible with a large range of third-party softwares
Screen	LCD screen LED 10,4" high-visibility, for outdoor activity. Touchscreen
Data storage	Rugged hard disk drive: 32Gb
Trigger mode	Integrated encorder wheel, time activation, or GPS reception
Battery autonomy	2 Lithium ION batteries, hot-swappable; 8 hours of autonomy
Temperature of use	-11°C up to 50°C
Weight	Approx. 4kg
Warranty	2 years, parts and labour costs



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