

The Quantum Mini concrete scanner is the ONLY dual bandwidth concrete scanner on the market. It features a 1000 MHZ antenna for analyzing structures as deep as 72 inches (1.8 m), as well as a 2000 MHz antenna for high resolution fine analysis of short range targets.



FEATURES

TABLET INTERFACE

- 10.4 Inch Daylight Readable LCD Display
- Onboard 3D Processing
- Processor: Multi-Core Intel Atom
- Solid State 32GB Hard Drive
- Windows 7 Embedded

LASER ALIGNMENT

- Vertical and horizontal laser alignment
- Allows for perfectly straight passes
- Helps for accurate markout

USB PORT

- Easily export data to memory sticks on-the-go
- Exports to the following formats: Screenshot and Slice (.png) , Seismic Unix (.su), Seg-Y (.sgy), Auto-report points (.rtf), and printer-friendly

ADJUSTABLE HANDLE

- Sturdy grip handle adjusts for variety of jobs
- Two handle system allows for easy use on walls, floors, and non-flat surfaces
- Stop/start button for quick, easy passes

WHEELS

- Solid polyurethane wheels
- Properly aligned for straight passes
- Radial ball bearings for quick, smooth passes

SPECIFICATIONS

RADAR CONTROLLER

- Processor: Multi-core Intel Atom
- Radar interface: proprietary military connector
- 32 GB Solid State Hard Drive
- 10.1 Inch daylight readable LCD Color display
- Power Supply: 10.5-18VDC @ 25W
- Operating system: Windows 7 Embedded

SOFTWARE

- Microsoft Windows
- US Radar Control Software Including:
 - System Configuration
 - A Scan Display (Oscilloscope Mode)
 - B Scan Display (Cross Sectional View)
 - C Scan Display (3D)
 - Real Time Signal Processing
 - Data Storage and Playback
 - Optional GPS Integration

SYSTEM SCAN MODES

- Trigger Modes: Free run, timed interval, shaft encoder, GPS, manual
- Maximum Sampling Rate: 550,000,000 samples per second
- Hardware Time Varying Gain: 45dB
- Software Time Varying Gain: 90dB
- Software Flat Gain: 60dB

ENVIRONMENTAL

- Temperature: -11 deg. to 50 deg. C
- Moisture and dust resistance: IP 65

RADAR HARDWARE

- Sampling Interval: 10 ps-6.4 ns
- Time Range Adjustment Interval: 10 ps
- Pulse Repetition Frequency: 0.1-4 MHz-adjustable
- Samples per Trace: 2-8192, Adjustable
- Effective Bandwidth (typ.): >4 GHz
- Stacking: Automatic
- Transmitter: Stepped Ultra Wideband Dual Frequency

SUPPORT

- Warranty: 2 Years Parts and Labour
- Complimentary telephone and email technical support