





Proceq Ground Penetrating Radars

GP8100

Highly productive portable concrete GPR array, enabling quick object detection and superior data collection



Productivity

Boost scanning efficiency with 25cm effective scan width and 80cm penetration depth, one scan is equivalent to 6 classical line scans



Visualization

Detecting objects of all sizes and marking on concrete surfaces has never been so easy and fast with the superline scan view



Density

The high scan rate of 1'200 scans/s enables a very dense GPR data collection in only one superline scan, which can be visualized in 6 classical line scans



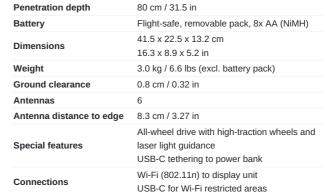
Software / Workspace App

Measurement modes	Superline Scan (1000m / 3281 ft) Area Scan (with Flexible Grid up to 100m2 / 1076 ft2)
Review modes	Superline scan ¹ A-scan (incl. envelope) Migrated view Non-migrated view Split view ¹ Time-Slice view ² Basic 3D view AR
Advanced visualization	Time-Slice view Pro 3D view Augmented Reality (AR)
Reporting	Workspace integration Automatic Logbook SEG-Y export Instant report generation Share via URL
Export formats	JPG PNG CSV SEGY HTML
Display Unit Specs*	Latest Apple® iPad recommended (iPad with iOS 11.0 and higher) Screen size: From 7.9" to 12.9" Resolution: Up to 2732-by-2048 Memory: Up to 2TB Weight: Down to 301 g / 10.6 oz Camera: Up to 12MP Wide and 10MP Ultra Wide Optional: USB-C, 5G, Face ID
Display Unit Sensors*	LiDAR Scanner (optional) Three-axis gyro Accelerometer Ambient light sensor Barometer Built-in GPS/GNSS



^{*} Depending on iPad model





Processing Unit / Sensor

GPR

Modulated frequency range 400-4000 MHz

Radar technology

Autonomy

Stepped-frequency continuous-wave (SFCW)

3h (Up to 8 hours with off-the-shelf 10'000

mAh power bank, not included)



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