



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 enables a very dense GPR data collection in only one superline scan, which can be visualized in 6 classical line scans



Software / Workspace App



Processing Unit / Sensor

Display Unit	Any compatible Apple® iPad (iOS 11.0 and higher)
Memory	Up to 1 TB (depending on the iPad model)
Connections	Encrypted Wi-Fi connection to iPad
Measurement modes	Superline Scan (1000m / 3281 ft) Area Scan (with Flexible Grid up to 100m2 / 1076 ft2)
Review modes	Superline scan A-scan (incl. envelope) Migrated view Non-migrated view Split view Time-Slice view 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

1. Only available for GP8000

Radar technology	Stepped-frequency continuous-wave (SFCW) GPR
Modulated frequency range	400 - 4000 MHz
Penetration depth	80 cm / 31.5 in
Battery	Flight-safe, removable pack, 8x AA (NiMH)
Dimensions	415 x 225 x 132 mm
Weight	3.0 kg / 6.6 lbs (excl. battery pack)
Ground clearance	0.8 cm / 0.32 in
Antennas	6
Antenna distance to edge	6.1 cm / 2.40 in
Special features	All-wheel drive with high-traction wheels and laser light guidance
IP rating	IP54
Connections	Wi-Fi (802.11n) to display unit
Autonomy	3 h



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