Proceq Ground Penetrating Radars

GP8000

The GP8000 is a portable concrete GPR radar. Faster, easier concrete inspections and structural imaging with SFCW ground penetrating radar technology
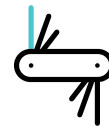
Resolution & depth

Superior GPR depth and clarity of data thanks to the unique Swiss Made radar technology with all the radar frequencies you'll ever need. Immediate insights with 3D and Augmented Reality.

Powerful UI

Inspect concrete with ease, from the tightest spots to the tallest walls and the longest streets. Superior form factor to tackle any challenge with comfort, without cables.

Great handling

Mobile app that lets you annotate measurements with voice, photos and comments. Generate reports and share them instantly. Access your data from anywhere, anytime.

Proceq GPR App
Tech Specs

Measurement modes	Superline Scan[1] (1000m / 3281 ft) Area Scan (with Flexible Grid up to 16m2 / 172 ft2)[2]
Review modes	Superline scan[1] A-scan (incl. envelope) Migrated view Non-migrated view Split view[1] Time-Slice view[3] 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 13.6 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

[Proceq GPR App | Info & compatibility](#)

1. GP8100 only; 2. GP8000 & GP8800 only 3. GP8000 & GP8100 only

* Depending on iPad model

Instrument
Tech Specs

Radar technology	Stepped-frequency continuous-wave (SFCW) GPR
Modulated frequency range	200 – 4000 MHz
Penetration depth	150 cm / 60 in
Battery	Flight-safe, removable pack, 8x AA (NiMH)
Dimensions	22.1 x 18 x 14 cm 8.7 x 7.1 x 5.5 in
Weight	1.5 kg / 3.3 lbs (excl. battery pack)
Ground clearance	0.8 cm / 0.32 in
Antennas	1
Antenna distance to edge	8.3 cm / 3.27 in
Special features	All-wheel drive with high-traction wheels Laser light guidance
Connections	Wi-Fi (802.11n) to display unit
Autonomy	3 h

Our Accessories

Image	PartNumber	Description
	79330235	Universal tablet holder for direct mounting on Proceq GPR 8000/8100 and Pundit PD8050 …
	39380010	Telescopic rod kit for Proceq GPR instruments including the universal tablet holder UTH100 Compatible with GP8000, GP8100 and GP8800…
	79330345	Chest harness kit for hands free operation of all iPad app based instruments: GP8000, GP8100, GP8800, PD8050, PM8000, PI8000…

Standards & Guidelines	Description
ACI 228.2R.98	
ASTM D4748-10	
ASTM D6087-08	
ASTM D6432-11	
EN 302066 - ETSI	
NCHRP Synesis 255	
SHRP H-672	
SHRP S-300	
SHRP S-325	

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