



## Proceq Ground Penetrating Radars

# GP8000

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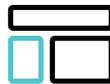
The GP8000 is a portable concrete GPR radar. Faster, easier concrete inspections and structural imaging with SFCW ground penetrating radar technology

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### 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



## Instrument

### Tech Specs

<b>Measurement modes</b>	Line Scan, Superline Scan <sup>1</sup> Area Scan (with Flexible Grid up to 16m2 / 172 ft2 <sup>2</sup> , or up to 100m2 / 1076ft2 <sup>1</sup> )*
<b>Review modes</b>	Line scan (B-scan), Superline scan <sup>1</sup> A-scan (incl. envelope) Migrated view Non-migrated view Split view <sup>1</sup> Time-Slice view <sup>3</sup> 3D view AR
<b>Advanced visualization</b>	Time-Slice view Pro 3D view Augmented Reality (AR)
<b>Reporting</b>	Workspace integration Automatic Logbook SEG-Y export Instant report generation Share via URL
<b>Export formats</b>	JPG PNG DOCX SEGY HTML
<b>Display Unit Specs*</b>	Latest Apple® iPad recommended (iPad with iOS 15 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
<b>Display Unit Sensors*</b>	LiDAR Scanner (optional) Three-axis gyro Accelerometer Ambient light sensor Barometer Built-in GPS/GNSS

<b>Radar technology</b>	Stepped-frequency continuous-wave (SFCW) GPR
<b>Modulated frequency range</b>	200 – 4000 MHz
<b>Penetration depth</b>	Up to 150 cm / 60 in
<b>Battery</b>	Flight-safe, removable pack, 8x AA (NiMH)
<b>Dimensions</b>	22.1 x 18 x 14 cm 8.7 x 7.1 x 5.5 in
<b>Weight</b>	1.5 kg / 3.3 lbs (excl. battery pack)
<b>Ground clearance</b>	0.8 cm / 0.32 in
<b>Antennas</b>	1
<b>Antenna distance to edge</b>	8.3 cm / 3.27 in
<b>Special features</b>	All-wheel drive with high-traction wheels Laser light guidance
<b>Connections</b>	Wi-Fi (802.11n) to display unit
<b>Autonomy</b>	3 h
<b>Operating Temperature*</b>	-20 °C to +50 °C / -4°F to 122°F
<b>Qualification/test Temperature*</b>	-25 °C to +55 °C / -13°F to 131°F

(\*) Temperature range applies to the Proceq GPR sensor only, not the iPad.

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

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

\* Depending on iPad model



## 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...
	79330345	Chest harness kit for hands free operation of all iPad app based instruments:...
	91011110	Durable carry strap

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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