



## Proceq Ground Penetrating Radars

# GP8800

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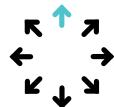
Concrete inspections and structural imaging with SFCW ground penetrating radar technology now fits at the palm of your hand

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### Performance

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



### Versatility

Inspect with ease of use, from the tightest spots to the tallest walls to the longest streets. Superior ergonomics to tackle any challenge with comfort, without cables.



### Productivity

A 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

<b>Measurement modes</b>	Line Scan, Superline Scan <sup>1</sup> Area Scan (with Flexible Grid up to 16m <sup>2</sup> / 172 ft <sup>2</sup> , or up to 100m <sup>2</sup> / 1076ft <sup>2</sup> ) <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

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

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

\* Depending on iPad model



## Instrument

### Tech Specs

<b>Radar technology</b>	Stepped-frequency continuous-wave (SFCW) GPR
<b>Modulated frequency range</b>	400 – 6000 MHz
<b>Penetration depth</b>	65 cm / 25.6 in
<b>Battery</b>	1x Removeable Li-ion Battery Pack 2x Removeable Flight-safe, removable pack, 4x AA (NiMH)
<b>Dimensions</b>	8.9 x 8.9 x 7.6 cm 3.5 x 3.5 x 3 in
<b>Weight</b>	487 g / 17.2 oz (excl. battery pack)
<b>Ground clearance</b>	0 cm
<b>Antennas</b>	1
<b>Antenna distance to edge</b>	4.5 cm / 1.77 in
<b>Special features</b>	Wireless wheel, reconfigurable at any time without tools. Cross-polarization (trailing and side-car configurations) USB-C tethering to battery pack/power bank
<b>Connections</b>	WiFi and USB-C to display unit
<b>Autonomy</b>	Li-ion Battery Pack: Up to 8h Battery Pack (4xAA NiMH): Up to 2.5h Power bank (not included): Up to 8h
<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.



## Our Accessories

Image	PartNumber	Description
	39380010	Telescopic rod kit for Proceq GPR instruments including the universal tablet holder UTH100...
	79330235	Universal tablet holder for direct mounting on Proceq GPR 8000/8100 and Pundit PD8050...
	79330345	Chest harness kit for hands free operation of all iPad app based instruments:...
	91011110	Durable carry strap
	39335130	Scan concrete for up to 8 hours on a single charge. Recharge easily with any USB-C port.
	39330076	Adapted for the new GP8800 Li-on battery pack

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

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