



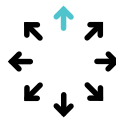
Proceq Ground Penetrating Radars **GP8800**

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



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

| | |
|-------------------------------|---|
| 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 |

1. GP8100 only; 2. GP8000 & GP8100 only

* Depending on iPad model






Instrument Tech Specs

| | |
|----------------------------------|--|
| Radar technology | Stepped-frequency continuous-wave (SFCW) GPR |
| Modulated frequency range | 400 – 6000 MHz |
| Penetration depth | 65 cm / 25.6 in |
| Battery | Flight-safe, removable pack, 4x AA (NiMH) |
| Dimensions | 8.9 x 8.9 x 7.6 cm 3.5 x 3.5 x 3 in |
| Weight | 487 g / 17.2 oz (excl. battery pack) |
| Ground clearance | 0 cm |
| Antennas | 1 |
| Antenna distance to edge | 4.5 cm / 1.77 in |
| Special features | Wireless wheel, reconfigurable at any time without tools. Cross-polarization (trailing and side-car configurations) USB-C tethering to battery pack/power bank |
| Connections | WiFi (802.11n) and USBC to display unit |
| Autonomy | 2.5 h (up to 8 hours with off-the-shelf 10'000 mAh power bank, not included) |



Our Accessories

| Image | PartNumber | Description |
|---|------------|---|
|  | 79330235 | Universal tablet holder for direct mounting on Proceq GPR 8000/8100 and Pundit PD8050 Fully adjustable to accommodate any size of iPad up to 12.9" |
|  | 39380010 | Telescopic rod kit for Proceq GPR instruments including the universal tablet holder UTH100 Compatible with GP8000, GP8100 and GP8800 For comfortable scanning on floors, walls and ceilings Fully adjustable to accommodate any size of iPad up to 12.9" |
|  | 79330345 | Chest harness kit for hands free operation of all iPad app based instruments: GP8000, GP8100, GP8800, PD8050, PM8000, PI8000 Can also be used as an iPad stand Fully adjustable to accommodate any size of iPad up to 12.9" |

| 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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