

Proceq GPR Live





GP8000 | GP8800

Structural imaging and inspection with SFCW ground penetrating radar technology



Performance

Superior depth and clarity of data thanks to the unique Swiss Made radar technology with all the frequencies you'll ever need and. 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.

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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.

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Model



Software	Proceq GPR Live app	
Measurement modes	Line Scan Area Scan (with Flexible Grid)	
Review modes	A-scan (incl. envelope) Non-migrated view Migrated view Time-Slice View Basic	
Advanced visualization	Time-Slice View Pro 3D View Augmented Reality (AR)	
Traceability and reporting	Cloud synchronization Share via URL Cloud-enabled Logbook Cloud-based SEG-Y export Cloud-based report generation	
Exporting formats	JPG, PNG, CSV, SEGY, HTML	
Maximum line scan length	1000 m / 3281 ft	
Maximum area scan size	4 x 4 m / 13 x 13 ft	

Other

Display and processing unit	iPad (min. iOS 11, not included)	
CPU	64-bit ARM	
Screen technology	Liquid or Retina Display	
Screen size	7.9" to 12.9"	
Screen resolution	Up to 2732 x 2048 pixels / 326 ppi**	
Screen type	LED-backlit with multi-touch and IPS technology	
Weight	Down to 308.2 g / 0.68 lbs**	
Storage capacity	Up to 1TB	
Connectivity	Wi-Fi, LTE	
Standards and guidelines	AASHTO R 37-04, ACI 228.2R.98, ASTM D4748–10, ASTM D6087–08, ASTM D6432–11	
Accessories	AR-enabled grid paper, telescopic rod, device tablet holder (Proceq GP8000)	
Availability	Purchase (Basic, Proceq GP8000 only) or subscription (Pro)	

Applications			
Congested rebar configuration	IS	•	
Areas underneath pipes		•	
Areas close to walls		•	
Irregular and curved surfaces		•	
Concrete hit prevention	•	•	
As-built verification	•	•	
S tructural investigation	•	•	
Slab thickness measurement	•	•	
Live wire detection	•		
S hallow utility locating	•		
Pavement scanning	•		
adar technology Stepped-frequency continuous-wave GPR			
Modulated frequency range	200 – 4000 MHz	400 – 6000 MHz	
Depth penetration	80 cm / 31.5 in	65 cm / 25.6 in	
Dimensions	22.1 x 18 x 14 cm 8.7 x 7.1 x 5.5 in	89 x 89 x 76 mm 3.5 x 3.5 x 3 in	
Antenna distance to edge	83 mm / 3.27 in	45 mm / 1.77 in	
Weight (excl. battery pack)	1.5 kg / 3.3 lbs	487 g / 17.2 oz	
Path measurement	±2% accuracy		
Adjustable antenna orientation	N/A	Yes, adjustable at any time, no tools required	
Ground clearance	8 mm / 0.32 in	0	
Built-in battery	Removable pack, 8x AA (NiMH), flight-safe	Removable pack, 4x AA (NiMH), flight-safe	
Autonomy	3 h	2.5 h (up to 8 hours with off-the-shelf 10'000 mAh power bank, not included	
Connectivity	Wi-Fi (802.11n) to display unit	WiFi (802.11n) and USB- C to display unit	
Certification	FCC, IC, EN ETS1 302 066 / RED		
IP rating	IP 54		

iPad is a trademark of Apple Inc. *in dry sand; **in dry concrete; ***iPad Mini 2019



