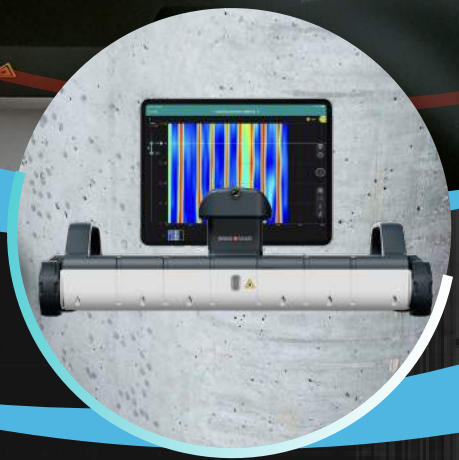
STANLAY™

2022 - 23

Proceq Concrete GPR

GP8000



GP8100

GP8800

SCREENING EAGLE | proceq Authorized Distributor

STANLAY™

Proceq Ground Penetrating Radars
Selection Guide | Concrete GPR

Model No	GP8000	GP8100	GP8800
Measurement Modes	Superline Scan (1000m / 3281ft)		
	Area Scan (with Flexible Grid up to 100m2 / 1076ft2)		
Review modes	Superline scan		
	A-scan (incl. envelope)		
	Migrated view		
	Non-migrated view		
	Split view		
	Time-Slice view Basic		
	3D view		
	AR		
Advanced visualization	Time-Slice view Pro		
	3D view		
	Augmented Reality (AR)		
	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) to be procured separately		
	(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 301g / 10.6 oz		
	Camera: Up to 12MP Wide and 10MP Ultra Wide		
	Optional: USB-C, 5G, Face ID		
Display Unit Sensors*	Built-in GPS/GNSS		
	Three-axis gyro		
	Accelerometer		
	Ambient light sensor		
	Barometer		
	LiDAR Scanner (optional)		
Radar technology	Stepped-frequency continuous-wave (SFCW) GPR		
Modulated frequency range	400 – 4000 MHZ		400 – 6000 MHZ
Penetration depth	80 cm / 31.5 in		65 cm / 25.6 in
Battery	Flight-safe, removable pack, 8x AA (NiMH)		
Dimensions	41.5 x 22.5 x 13.2 cm		8.9 x 8.9 x 7.6 cm
Ground clearance	0.8 cm / 0.32 in		0cm
No. of antennas	1	6	1
Weight	1.5 kg (excl. battery pack)	3.0 kg (excl. battery pack)	487g (excl. battery pack)
Connections	Wi-Fi (802.11n) to display unit	Wi-Fi (802.11n) to display unit, USB-C for Wi-Fi restricted areas	Wi-Fi (802.11n) to display unit
Autonomy	3h	3h (Up to 8 hours with off-the-shelf 10'000mAh power bank, not included)	2.5h (up to 8 hours with off-the-shelf 10'000mAh power bank, not included)
Special features	All-wheel drive with high-traction wheels		Wireless wheel, reconfigurable at any time without tools
	Laser light guidance		Cross-polarization (trailing and side-car configurations)
	-	USB-C tethering to power bank	USB-C tethering to battery pack/ power bank

SCREENING EAGLE | proceq Authorized Distributor

STANLAY™

Concrete GPR | GP8000

Faster, easier concrete inspections and structural imaging with SFCW ground penetrating radar technology

Resolution & depth

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.

Powerful UI

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.

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.

The Proceq GP8000 GPR is ideal for easy concrete inspection & structural imaging including locating of rebar & live wires prior coring or cutting, locating post tension cables, & investigation of large concrete structures based on the **area scan upto 100 Sq meters.**

Proceq GP8000 GPR is designed to provide outstanding structural building assessment based on a compact **wireless 4-wheel car to perform structural imaging of rebar.**
Based on unique **stepped frequency continuous-wave(SFCW) technology**, The Proceq concrete GPR delivers widest frequency spectrum covering all application & allows detection of objects from shallow to deep depth in one scan.

Offering **penetration depth upto 80cm** in concrete, GP8000 Concrete Scanning GPR provides superior clarity of data.
The advanced visualization feature enables Immediate insights with **3D and Augmented Reality.**

The **ground penetrating radar** has cloud storage for GPR measurements & post-processing of SEG-Y files export data. Integrated with Mobile App that lets you annotate measurements with voice, photos and comments. The **handheld SFCW GPR** allow operator to generate reports and share them instantly. Access your data from anywhere, anytime.

SCREENING EAGLE | proceq Authorized Distributor

STANLAY™

Concrete GPR | GP8000

Features :

- Unparalleled penetration depth and resolution in a single GPR probe
- Powerful, user-friendly user interface for faster, easier concrete assessment
- Great handling and ergonomics in all applications

Specifications :

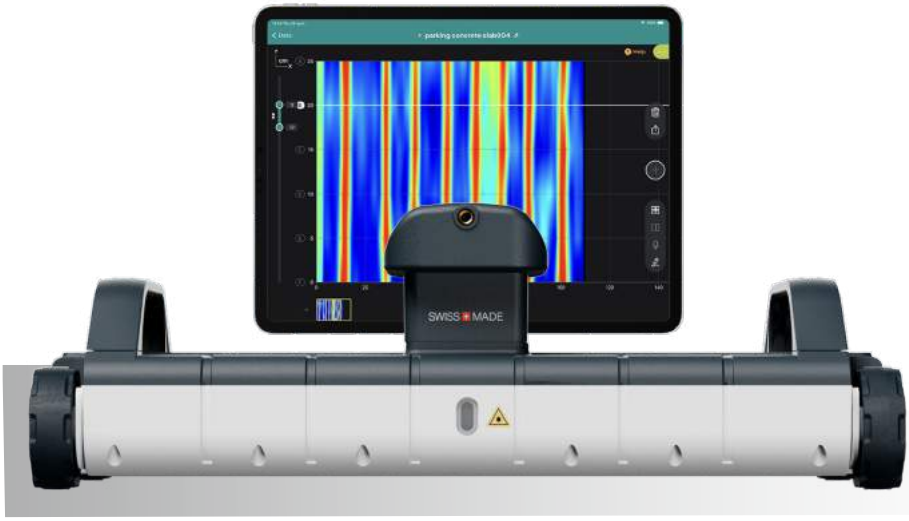
Software / Workspace App	
Measurement Modes	Superline Scan (1000m / 3281 ft) Area Scan (with Flexible Grid up to 100m2 / 1076 ft2)
Review modes	Superline scan | A-scan (incl. envelope) | Migrated view Non-migrated view | Split view | Time-Slice view Basic | 3D view | AR
Advanced visualization	Time-Slice 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*	Built-in GPS/GNSS Three-axis gyro Accelerometer Ambient light sensor Barometer LiDAR Scanner (optional)
Sensor	
Radar technology	Stepped-frequency continuous-wave (SFCW) GPR
Modulated frequency range	200 – 4000 MHZ
Penetration depth	80 cm / 31.5 in
Battery	Flight-safe, removable pack, 8x AA (NiMH)
Dimensions	22.1 x 18 x 14 cm
Weight	1.5 kg / 3.3 lbs (excl. battery pack)
Ground clearance	0.8 cm / 0.32 in
No. of 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

SCREENING EAGLE | proceq Authorized Distributor

STANLAY™

Wide Array Concrete GPR | GP8100

Highly productive portable concrete GPR array, enabling quick object detection and superior data collection



Productivity
Boost scanning efficiency with 25cm effective scan width and 80cm penetration depth, one scan is equivalent to 6 classical line scans

Visualization
Detecting objects of all sizes and marking on concrete surfaces has never been so easy and fast with the superline scan view

Density
The high scan rate of 1'200 scans/senables a very dense GPR data collection in only one superline scan, which can be visualized in 6 classical line scans

GP8100 is a **wide scan width** Concrete GPR from Proceq Ground Penetrating Radar series. Enabled with Quick object detection it is based on an array of **6 antennas providing a 25cms effective scan width and an effective top class penetration depth upto 80cm.**

The Portable concrete GPR array offers supreme data clarity as it detects objects of all sizes & marks on concrete surface with ease. The superline scan visualization instantly displays the output in never seen clarity.
The high scan rate of 1200 scans/s enables a very dense GPR data collection in only one superline scan, which is equivalent to 6 classical line scans.

The Proceq GP8100 GPR comes with **stepped frequency continuous wave (SFCW) technology** which has the advantage to broadcast an ultra-wide-band range of modulated frequencies. All frequency responses get combined & enables detection of objects from shallow to deep depth in one scan.

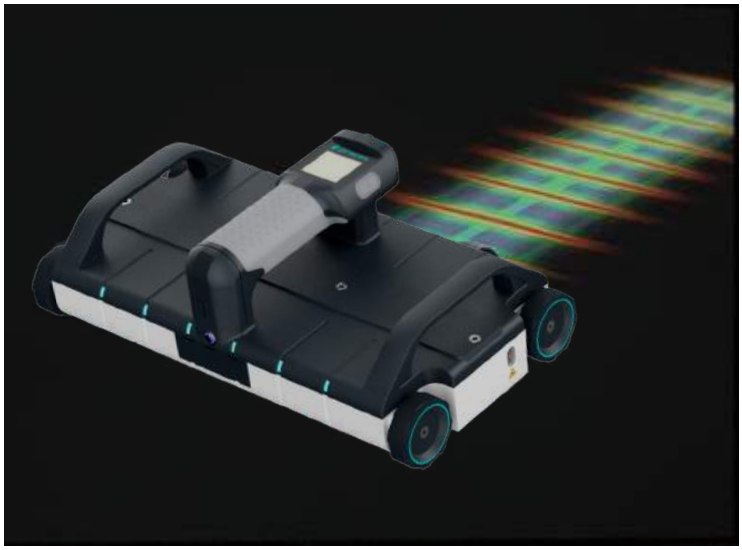
The stand out feature of the GPR is different review modes & advance visualization with the help of post processing software; From Superline, split review modes to **3D & AR (Augmented Reality)** advance visualization, the Proceq GP8100 is ideal for fast scanning of large concrete structures for condition assessment or rebar detection.

The GP8100 **Concrete Scanning GPR** offers large data collection through **cloud storage & allow instant report generation** to share the report as quickly as possible via url.

SCREENING EAGLE | proceq Authorized Distributor

STANLAY™

Wide Array Concrete GPR | GP8100



Features :

- Large scan width
- High scan rate of 1200 Scans/sec
- Best-in-class penetration depth upto 80cm.
- Fast detection of objects of any size with the superline scan view
- Dense, accurate GPR data collection in one superline scan

Specifications :

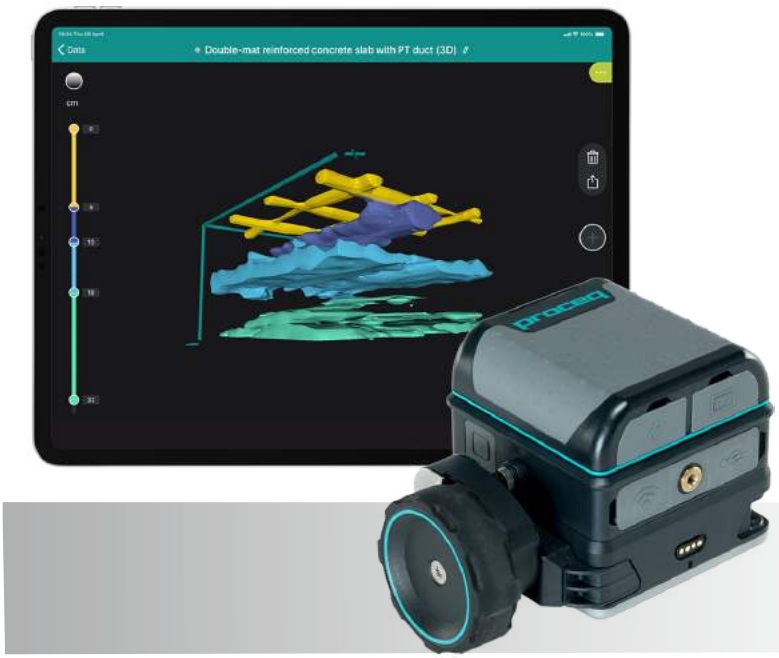
Software / Workspace App	
Measurement Modes	Superline Scan (1000m / 3281 ft) Area Scan (with Flexible Grid up to 100m2 / 1076 ft2)
Review modes	Superline scan[1] | A-scan (incl. envelope) | Migrated view Non-migrated view | Split view[1] | Time-Slice view[2] Basic | 3D view | AR
Advanced visualization	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*	Built-in GPS/GNSS Three-axis gyro Accelerometer Ambient light sensor Barometer LiDAR Scanner (optional)
Sensor	
Radar technology	Stepped-frequency continuous-wave (SFCW) GPR
Modulated frequency range	400 – 4000 MHZ
Penetration depth	80 cm / 31.5 in
Battery	Flight-safe, removable pack, 8x AA (NiMH)
Dimensions	41.5 x 22.5 x 13.2 cm
Weight	3.0 kg / 6.6 lbs (excl. battery pack)
Ground clearance	0.8 cm / 0.32 in
No. of antennas	6
Antenna distance to edge	8.3 cm / 3.27 in
Special features	All-wheel drive with high-traction wheels and laser light guidance USB-C tethering to power bank
Connections	Wi-Fi (802.11n) to display unit USB-C for Wi-Fi restricted areas
Autonomy	3h (Up to 8 hours with off-the-shelf 10'000 mAh power bank, not included)

SCREENING EAGLE | proceq Authorized Distributor

STANLAY™

Mini Concrete GPR | 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.

GP8800 GPR is an **ultra-compact ground penetrating radar (GPR)** system based on the Proceq SFCW radar technology that fits at the palm of your hand, for locating rebars, post tension cables & other elements in concrete structures.

Due to its compact design, **GP8800 Concrete GPR** is a preferred choice for **congested** areas close to walls & underneath / Irregular and curved surfaces, for locating rebars, pipes etc in concrete structures.

Based on **stepped frequency continuous wave (SFCW) radar technology**, The handheld GPR delivers an ultra-wide band range of modulated frequencies upto 6000 MHz & allows detection of objects from shallow to deeper depth in one scan.

Deeper **penetration depth is upto 65 cm in dry concrete**, The GP8800 Concrete Scanning GPR Offers advanced visualization feature for Immediate insights with **3D and Augmented Reality**.

The GP8800 Palm Sized GPR is ideal for concrete inspection & structural imaging, providing continuous line scans upto 1000 meters requiring no image stitching at a price point, similar to high end rebar locators.

The ground penetrating radar has **cloud storage for GPR measurements & post-processing of SEG-Y files exported data**. Integrated with Mobile App that let a user annotate measurements with voice, photos and comments. The handheld SFCW GPR allow operator to generate reports and share them instantly. Access your data from anywhere, anytime.

SCREENING EAGLE | proceq Authorized Distributor

STANLAY™

Mini Concrete GPR | GP8800

Features :

- Superior insights from unparalleled depth and clarity of data from the powerful probe
- Easy to learn and to operate with a user-friendly, feature-rich, intelligent software
- Unmatched productivity through user-centric inspection ergonomics and digital workflow

Specifications :

Software / Workspace App	
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*	Built-in GPS/GNSS Three-axis gyro Accelerometer Ambient light sensor Barometer LiDAR Scanner (optional)
Sensor	
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
Weight	487 g / 17.2 oz (excl. battery pack)
Ground clearance	0 cm
No. of 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)

STANLAY™
Asian Contec Ltd.
Asian Center, B-28, Okhla Industrial Area, Phase-1, New Delhi -110020, India.
Contact Nos. : Tel : +91-11-41860000 (100 Lines), Direct Sales Helpline : +91-11-41406926
Web : www.stanlay.in www.stanlay.com email: sales@stanlay.com
Regional Offices : Faridabad | Mumbai | Bengaluru | Hyderabad | Lucknow | Kolkata | Bhubaneswar | Guwahati

Quality Management System
ISO 9001: 2015
1-QSC202101102
Ref:ST/GPR/2022-23