proceq
A Screening Eagle Company



Profometer Rebar Diameter & Cover Meter

PM8000 Pro

The cover meter for experts, from rebar detection to area scanning. Precise measurements with unique advanced visualization.

Precision

Sophisticated data interpolation and intelligent auto-mode eliminate error margin

Ergonomics

Compact, ultra light-weight and fully wireless - designed for use in rough environments

Productivity

Instant availability of data analytics and visualization in the field, data synchronization and collaboration

Profometer App
Tech Specs

Measurement Modes	Area Scan* Multiline Scan* Line Scan Spot data import
Review Modes	Area scan view* Multiline scan view* Line scan view Signal strength view Statistics
Advanced visualization	Heat Map* Augmented Reality (AR)* DBV (Deutscher Beton- und Bautechnik-Verein) advanced statistics*
Image processing	Auto rebar spacing first rebar layer* Neighbouring rebar correction first layer Neighbouring rebar correction second layer Align rebar positions*
Display settings	Concrete cover threshold slider with colour palette
On-site annotations	Markers photos geolocation voice notes
Reporting	Workspace integration Share via URL Automatic Logbook Raw data export Instant report generation
Export formats	JPG (Screenshot) PNG CSV HTML
Display Unit Specs:**	Latest Apple® iPad recommended (iPad with iOS 13.0 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

* PM8000 Pro only

** Depending on iPad model iPad is a trademark of Apple Inc.; iOS is a registered trademark of Cisco in the US and is used by Apple under license

Download on the App Store



Instrument
Tech Specs

Technology	Eddy-current
Connection	Wireless
Cover Measuring depth	Up to 185 mm / 7.3 in
Cover Measuring Accuracy	+/-1 mm / 0.04 in to 4 mm /0.16 in depending on depth
Rebar Diameter Measuring Depth	up to 63 mm / 2.5 in
Rebar Diameter Measuring Accuracy	+/- rebar size (Possible under optimal conditions. Please refer to the manual)
Encoder Accuracy	+/- 0.5mm / 0.02 in + 0.5% of measured length
Max Scanning Speed	0.5m/s - 1.7 ft / s
Max Line Scan Distance	1km / 0.6 miles
Max Area Scan	10'000m2 / 107'000 ft2
Display	High-contrast OLED screen
Dimensions	250 x 130 x 45 mm / 9.8 x 5.1 x 1.8 in (with cart) 190 x 75 x 45 mm / 7.5 x 3.0 x 1.8 in (without cart)
Weight	690 g / 1.5 lb (with cart) 300 g / 0.7 lb (without cart)
Battery	2 x AA (NiMH) rechargeable or non rechargeable Removable Flight-safe 8 hours autonomy USB-C power bank (not included)

Our Accessories

Image	PartNumber	Description
	39222010	Telescopic rod kit for Profometer PM8000 instruments including the universal tablet holder UTH100...
	79330345	Chest harness kit for hands free operation of all iPad app based instruments:...

Standards & Guidelines	Description
BS 1881, Part 204	
DGZfP B2	
DIN 1045	
SIA 262-1	
SN 505262	
SS 78-B4	
DBV Guidelines	

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