Profometer Rebar Diameter & Cover Meter

PM8000 Pro

The world's most compact, versatile and precise cover meter for efficient inspection of concrete structures. The best Profometer yet!

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

Software / Workspace App

Measurement Modes	Area Scan* Line Scan* Spot
Review Modes	Area 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 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 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

* 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

Processing Unit / Sensor

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
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)

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