



Profometer Rebar Diameter & Cover Meter **PM8000 Pro**

The world's most compact, versatile and precise cover meter for efficient inspection of concrete structures



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 / 0.2 in + 0.2% 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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