



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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