



## Profometer Rebar Diameter & Cover Meter

# PM8000

the advanced concrete cover meter, from concrete rebar detection to line scanning. Precise concrete rebar cover measurements and diameter estimation with great clarity.



### 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

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





## Instrument Tech Specs

<b>Technology</b>	Eddy-current
<b>Connection</b>	Wireless
<b>Cover Measuring depth</b>	Up to 185 mm / 7.3 in
<b>Cover Measuring Accuracy</b>	+/- 1 mm / 0.04 in to 4 mm / 0.16 in depending on depth
<b>Rebar Diameter Measuring Depth</b>	up to 63 mm / 2.5 in
<b>Rebar Diameter Measuring Accuracy</b>	+/- 1 rebar size
<b>Encoder Accuracy</b>	+/- 0.5mm / 0.02 in + 0.5% of measured length
<b>Max Scanning Speed</b>	0.5m/s - 1.7 ft / s
<b>Max Line Scan Distance</b>	1km / 0.6 miles
<b>Display</b>	High-contrast OLED screen
<b>Dimensions</b>	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)
<b>Weight</b>	690 g / 1.5 lb (with cart) 300 g / 0.7 lb (without cart)
<b>Battery</b>	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: GP8000, GP8100, GP8800, PD8050, PM8000, PI8000...

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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