List-Magnetik
A COMPANY OF PCE INSTRUMENTS

COATING THICKNESS METER

LM-TC-F1000



Specification

Layer thickness	
Material	Fe
Measuring range with	2 ... 1000 µm
Resolution	0,1 µm
Accuracy	< 100 µm: ± 1 µm; > 100 µm: ± 1 %.
Sensor	
Designation	TOP CHECK Ferro
Measuring range with	2 ... 1000 µm
Battery type	Magnet mode (Fe)
Measurable materials	Measurement of paint, varnish, plastic and galvanic coatings on steel (ISO 2178)
Min. measuring surface	ø 2 mm
Min. layer thickness	0 µm
Min. radius of curvature convex	1 mm
Min. radius of curvature concave	6 mm
Additional description	Probes, spring-loaded

General technical data	
Measuring functions	Quantity, MAX, MIN, Average value, Standard deviation
Units	µm, mils
Display Typ	OLED
Storage capacity	4000 Values
Memory capacity Additional information	flexibly divisible
Interface	Wireless
Operating time	50 h
Calibration	300 µm
Menu language	German, English (GB), English (US), French, Italian, Spanish, Hungarian, Polish
Protection class (device)	IP64
Power supply	1x 1.5 V AA Cute
Battery/battery	1 x 1,5 V AA Battery (1,5V) , Alkali-Manganese
Battery capacity	3000 mAh
Operating conditions	0 ... 50 °C , 10 ... 90 %RH
Storage conditions	0 ... 50 °C , 10 ... 90 %RH
Dimensions (L x W x H)	95 x 28 x 28 mm
Weight	76 g