



Coating Thickness Meter

LM-TC-F1000 / TOP-CHECK Ferro-1000

www.list-magnetik.com

The **List-Magnetik TOP-CHECK Ferro-1000** coating thickness gauges work with a precise springy sensing probe that requires little contact surface and low pressure. The compact, lightweight devices are barely larger than a measuring probe. The probe requires only a small contact area for its precise measurement. Especially for thin layers on uneven or complex surfaces, it is advantageous. The devices are very easy to use, with the press of a button, and the self-explanatory multilingual menu.

TOP-CHECK Ferro-1000 is ideal for iron and steel substrates. The device measures layers of lacquer, paint, plastic, rubber, ceramic, zinc and galvanic coatings (except nickel) according to ISO 2178.

To further process your measurement data, you can couple your TOP-CHECK Ferro-1000 with mobile Android and iOS devices. Or you can communicate with a Windows PC. Wireless technology makes this possible.

The memory can be divided flexibly. With the mobile device app, you can manage projects and assign measurement points on a photo. The measurement results can be statistically evaluated and graphically displayed. The app for Android, iOS and Windows is free.



Technical Data Coating Thickness Meter LM-TC-F1000 / Model TOP-CHECK Ferro-1000

- Applications: Measurement of paint, varnish, plastic and galvanic coatings on steel (ISO 2178)
- Measuring probe: sensing device, springy
- Measuring range: on steel and iron 2-1000 µm
- Smallest Area: Ø 2 mm
- Smallest curvature radius: concave 6 mm, convex 1 mm
- Accuracy: less than 100 µm: ± 1 µm, > 100 µm: ± 1%
- Resolution: 1-100 µm: 0.1 µm, > 100 µm: 1 µm
- Measuring units: µm and mils
- Environment temperature: 0 - 50° C
- Display: illuminated high contrast graphic OLED display
- Menu navigation: English, German, French, Italian, Spanish, Hungarian, Polish, Dutch
- Data logger: 4000 measured values flexibly divisible
- Statistics: count / maximum / minimum / average / standard deviation
- Interface: wireless interface for communication with Android, iOS and Windows
- App for Android, iOS, Windows: free of charge via Google Play Store, Apple App Store, List-Magnetik website
- Power supply: 1x 1.5 V AA Mignon
- Operating time: approx. 50 hours
- Dimensions: Ø 28 x 95 mm, Weight: 76 g (with battery)

