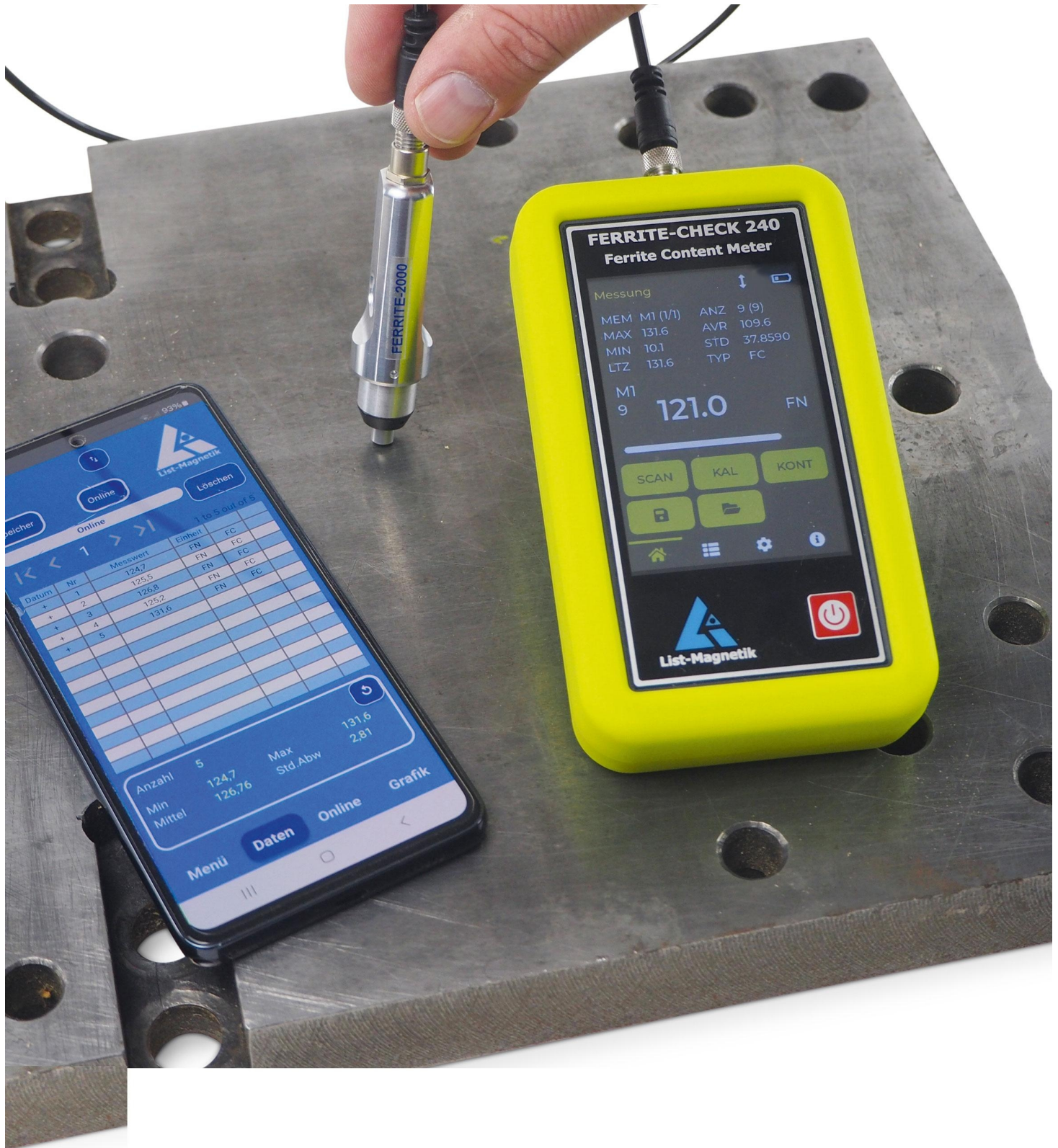


List-Magnetik Ferrite Content Meter FC240 / FERRITE-CHECK 240



The FERRITE-CHECK 240 from List-Magnetik is an intuitive instrument featuring a color display and an external probe designed to measure ferrite content in austenitic and duplex steels. Utilizing the magnetic induction method, it adheres to the Basel standard DIN EN ISO 8249.

Precise ferrite measurement is vital for welded duplex steels, as it confirms the weld has sufficient ferrite levels to maintain structural strength. In cases where there is inadequate cooling or heat input during welding, ferrite levels can fall below acceptable thresholds. To ensure measurement reliability, the device includes three calibration standards that are traceable to the NIST standard.

The FERRITE-CHECK 240 features a high-resolution 320x480 pixel graphical LCD touch panel with an intuitive user guidance system. To ensure durability in demanding environments, the housing is protected by a robust yellow-green silicone frame. The instrument supports measurements in both FN and Fe%. With a wireless interface for Windows, Android, and iOS, along with a flexibly divisible memory, you have comprehensive options for recording and processing your data.

Technical Data For Ferrite Content Meter FC240

- Applications: Measurement of ferrite content in austenitic and duplex steels
- Probe: FERRITE-2000, special probe for ferrite testing. Externally connected
- Measurement units: Fe% and FN
- Measuring range: 0.2-100 Fe%, 0.2-140 FN
- Measurement method: Single measurement or scanning
- Smallest measuring area: Ø 2 mm
- Accuracy: 5%
- Resolution: under 10: 0.01, over 10: 0.1
- Display: LCD color touch panel 320x480 pixels
- Multilingual menu: English, German, Italian, French, Spanish
- Data logger: 10,000 measurements, 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 via Google Play Store, Apple App Store, List-Magnetik website
- External control: USB and SCPI communication interface

