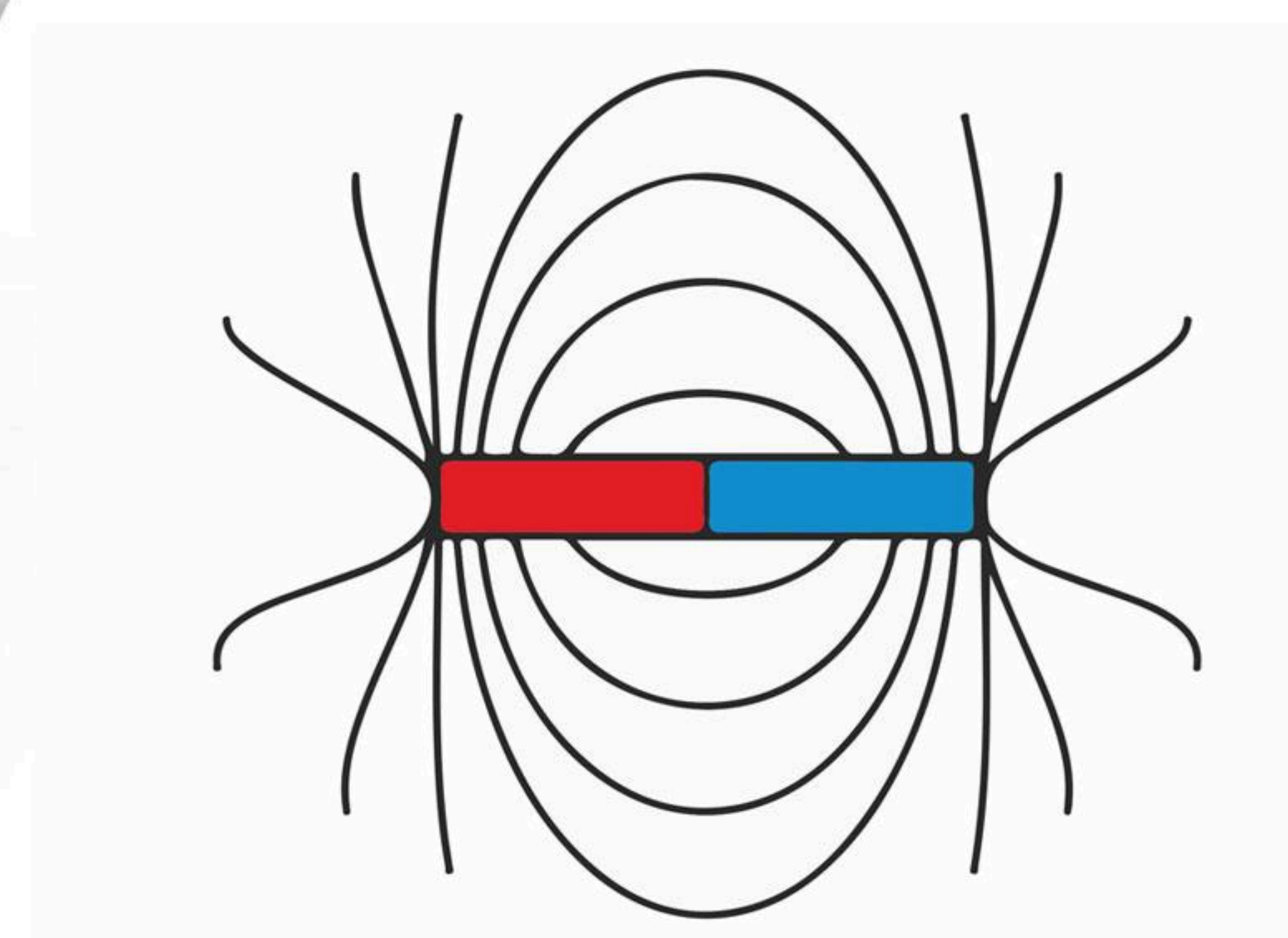
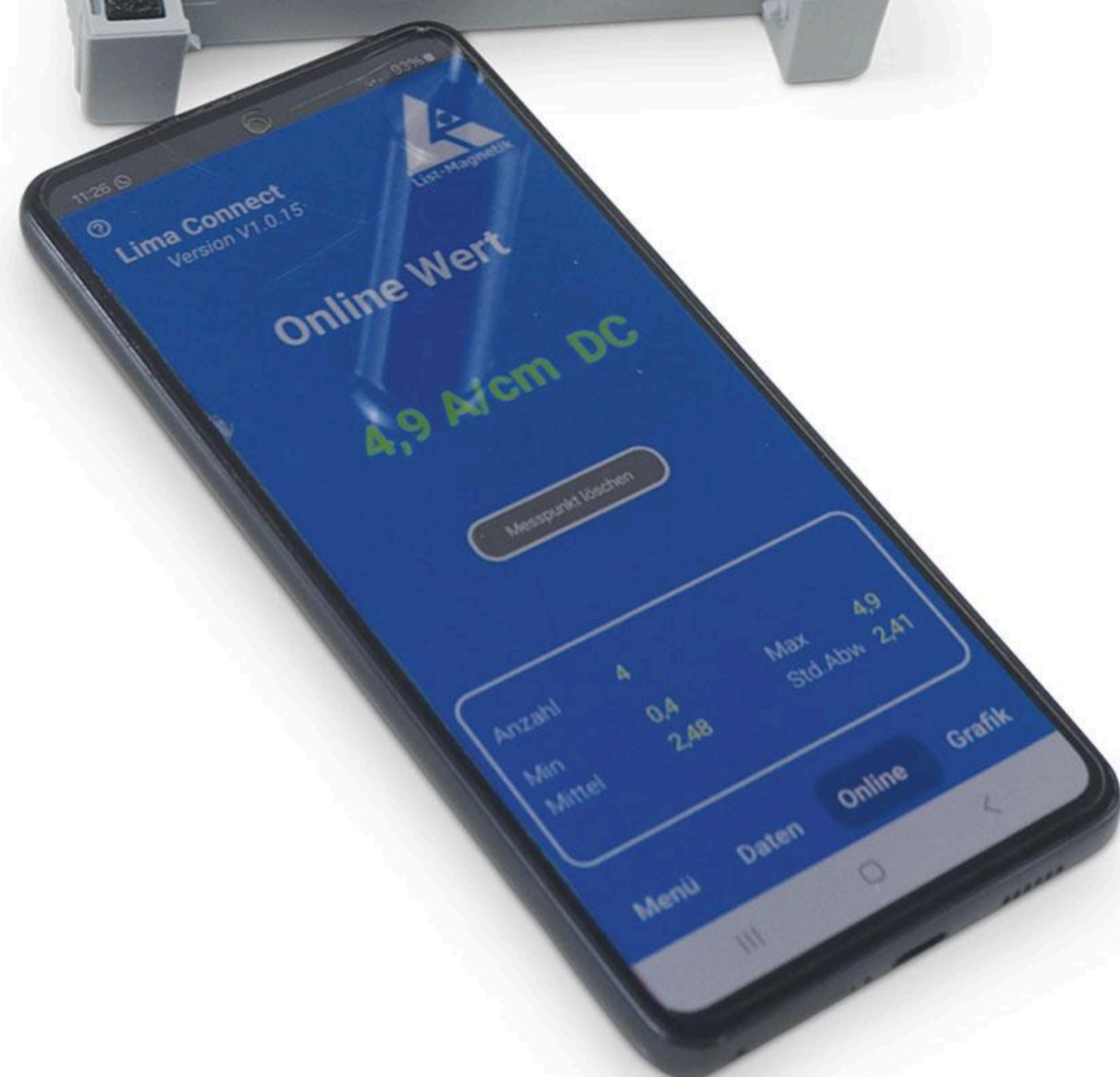


www.list-magnetik.com



Residual Magnetic Field Meter LM-MP80 / MP-80 V2

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With the handy, battery-operated **List-Magnetik MP-80 V2** residual magnetic field meter, you can quickly and reliably determine the residual magnetism, also known as remanence, on ferromagnetic iron and steel parts. The measuring device can also be used to check demagnetized parts. The Hall sensor in the axial field probe is located at a defined measuring distance of 2.0 mm from the measuring surface.

The "little brother" of the MP-810 has its particular strength in the area of weak magnetic fields. With its compact design and metal housing, the device is robust and insensitive to harsh environments such as oily vapors or moisture. The supplied calibration standard of 5 A/cm always gives you the certainty that your device is working correctly. The MP-80 and the calibration standard are supplied together in a compact case with optimal protection.

To further process your measurement data, you can couple your MP-80 with mobile Android and iOS devices. Or you can communicate with a Windows PC. Wireless technology makes this possible. With the Lima Connect 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 Residual Magnetic Field Meter LM-MP80 / Model MP-80 (V2 - since 2024)

- Measuring units: A/cm – kA/m – Gauss – Oersted – Tesla switchable
- Measuring probe: integrated axial field probe, \varnothing 8mm with defined measuring distance of 2.0 mm
- Measuring range DC: 0-100 A/cm
- Accuracy: in the homogeneous field ± 0.3 A/cm up to 10 A/cm, $\pm 3\%$ of measured value from 10 A/cm
- Resolution: 0.1 A/cm or 0.01 mT
- Peak Hold: Recording rate approx. 10 readings / second
- Display: OLED Graphic Display illuminated
- Analog display: bar graph
- 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. 40 hours
- Dimensions: \varnothing 28 x 103 mm
- Weight: 70 g with battery

