

Mobile device for fast visualization of magnetic structures

Being a small and light testing device, Minimo can be used as a stationary and mobile system for fast visualization of magnetic stray fields. The webcam-based Minimo is applicable for a qualitative examination of magnetic stripe cards, removed serial numbers and hard magnetic material structures. In addition to plug-and-play ability and image archiving a simple change of the magneto-optical sensor head is possible. Minimo can be equipped with all types of magneto-optical sensors. This allows an adaption of the Minimo to the sample field strength. A high mechanical stability for mobile use is provided by the robust metal housing.



Figure: visualization of a magnetic stripe by Minimo



Figure: quick sensor exchange

Technical features

- Suitable for use of all types of MO-sensors (A, B, C, D)
- Active sensor size (field of view): 15 x 7 mm²
- Image resolution: 950 x 450 Pixel
- Geometric resolution: min. 50 µm
- USB 2.0 Interface (5V)
- Frame rate: at least 20 F/s
- Software for imaging and archiving
- Weight: 270 g
- Dimensions: 79 x 62 x 38,5 mm

