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Since 1967 we are engaged in developing and manufacturing Coating Thickness Meters, Magnetic Field Meters and Magnetizing and Demagnetizing Equipments. Due to our deep knowledge and experience in the Magnetic Technology we are the specialists and your strong partner for everything concerning Magnetizing, Demagnetizing and Magnetic Measurement.

World leader in the design and manufacture of equipment for: Coating thickness meters  
Magnetic field meters  
Magnet permeability meters  
Ferrite content meters

We take care of your problems and design and manufacture custom made equipment for every application. Our many years of experience in the design and construction of magnetizing and demagnetizing systems is the basis for complex requirements in the measurement of pulse fields, multipole magnet systems or production quality control in magnetizing systems.

## Coating Thickness Meters from List-Magnetik

With coating thickness gauges, you can quickly and easily measure the thickness of paint, resin, electroplated coatings, anodized aluminum, plastic, rubber or ceramic on all kinds of metals. Coatings made of chrome, cadmium, zinc, aluminum and many other substances on steel can also be precisely measured. A layer thickness measuring device provides information about corrosion protection and the probable service life of a base material. In this way, the qualitative suitability of a product and its appearance can be guaranteed and conformity with a large number of international standards can be established.

**Magnetic field meters** Portable digital magnetic field measuring devices with microprocessor technology, compact and handy, enable a high-precision analysis of magnetic constant fields, alternating fields or pulse fields. They are used in the control of materials with residues of machining magnetism, in the medical field for the scattering of magnetic fields generated by magnetic resonance devices, in all situations in which magnetic fields are present. Magnetic field measuring devices play a fundamental role in the preventive control of materials that have been magnetized or demagnetized for various reasons, and they are also important for mapping the magnetic field profiles in the field of magnetic resonance.

**Materials Testing**

**Magnet permeability meters** Magnetic permeability is an indication of how strongly a material can be magnetized. It is useful in situations where no magnetism is actually desired, such as stainless steel. Our instruments measure in the low permeability range up to  $\mu_r=5$  and are mainly used in the production of components for the aerospace and electronics industries.

**Ferrite content meters** Steel must be corrosion and acid resistant to maintain its strength under stresses such as pressure, heat, or chemicals. Therefore, welds must be checked to ensure that the ferrite content is high enough to withstand the heat. Too much ferrite can promote corrosion.

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