

DMP10-40 SERIES

The new DMP series sets the standard for tactile and non-destructive coating thickness measurement of magnetized and non-magnetized base materials. The robust and modern design, optimized functionalities, digital probes, and intuitive Tactile Suite software make these compact handheld devices your perfect companions for any measuring requirement.

FEATURES

DMP10 and 20



Basic model
Measured value memory: 10,000 in one batch
Easy data transfer via USB-C
Limit monitoring via light and sound

DMP30 and 40



Comfort model
Measured value memory: 250,000 in 2,500 batches
Easy data transfer via USB-C and Bluetooth
Limit monitoring via light, sound and vibration

DUALSCOPE®



Measuring non-magnetized or electrically non-conductive coatings on magnetized or non-magnetized, electrically conductive base materials

Application examples

Layer	ISO	Anod. coatings	Paint	Varnish	Plastic		
Base Material	NF	Al	Al	Cu	CuZn		
Layer	ISO	NF	Paint	Varnish	Zn	Cr	Cu
Base Material	FE	FE	Steel	Fe			

Test method

Amplitude-sensitive eddy current test method and magnetic induction test method

DMP10-40 SERIES

Built to last: Next level quality and durability thanks to all-aluminum housing

Full measuring control: Feedback via light, sound and vibration whether measured values are within tolerance

Perfect fit: Measure 24/7 due to quick and easy battery change

Digital probes: Fully digitized probes for the most demanding measurement tasks

Backward compatible: Use all of your existing Fischer probes thanks to exchangeable adapter

Powerful software: Automatic device recognition, easy data export and comprehensive reporting



“ The new DUALSCOPE® DMP40 from Fischer sets new standards in terms of robustness, ease of operation, and data export, thus making daily quality control in our production easier. ”

Beate Brand, Head of Quality Lab at KNEISSLER Brünertechnik GmbH, Germany

ISOSCOPE®



Measuring electrically insulated coatings on non-magnetized, electrically conductive metals

Application examples

Layer	ISO	Anod. coatings	Paint	Varnish	Plastic
Base Material	NF	Al	Al	Cu	CuZn

Test method

Amplitude-sensitive eddy current test method

DELTASCOPE®



Measuring non-magnetized coatings on magnetized base materials

Application examples

Layer	ISO	NF	Paint	Varnish	Zn	Cr	Cu
Base Material	FE	FE	Steel	Fe			

Test method

Magnetic induction test method

ISO Electrically non-conductive (isolating) Example: Varnish

NF Non-magnetic (not ferritic, electrically conductive) Example: Zinc

FE Magnetic metal (ferritic) Example: Iron



Burnished rails

The all-around capabilities of coating thickness measurement

The measuring devices of the DMP10-40 series are the perfect solution for fast and non-destructive coating thickness measurement on magnetized and non-magnetized base materials. Used primarily in quality assurance, these compact devices are impressive with their robust and ergonomic design and extensive functions.

Depending on the application, you will find the right device in the DMP family. The DMP10 and 20 models offer an optimal entry level with extensive functionalities, while the DMP30 and 40 models also meet higher demands. In addition to the various measuring instruments, a wide range of high-precision digital and analog probes are available.



Quick change battery



F-adapter for analog probes

With the intuitive Tactile Suite, transferring, evaluating and exporting your measurement data is more comfortable than ever before.

Features

- Universal device series for tactile coating thickness measurement thanks to enormously wide probe portfolio
- Test method: Magnetic induction and amplitude-sensitive eddy current method
- Measured value memory: DMP10/20: 10,000 in one batch, DMP30/40: 250,000 in 2,500 batches
- Measurement range: Depending on the combination of coating and base material and the used probe
- Robust aluminum housing with protection class IP64
- Replaceable Li-Ion battery for > 24 h operating time
- Easy data transfer via USB-C and Bluetooth
- Limit monitoring via light, sound and vibration
- Digital and analog probes available for various applications



VIDEO:

Scan QR code to experience the DMP10-40 series.