

FISCHERSCOPE® MMS® PC2

One instrument, many possibilities: Enables different test methods for coating thickness, conductivity and ferrite content

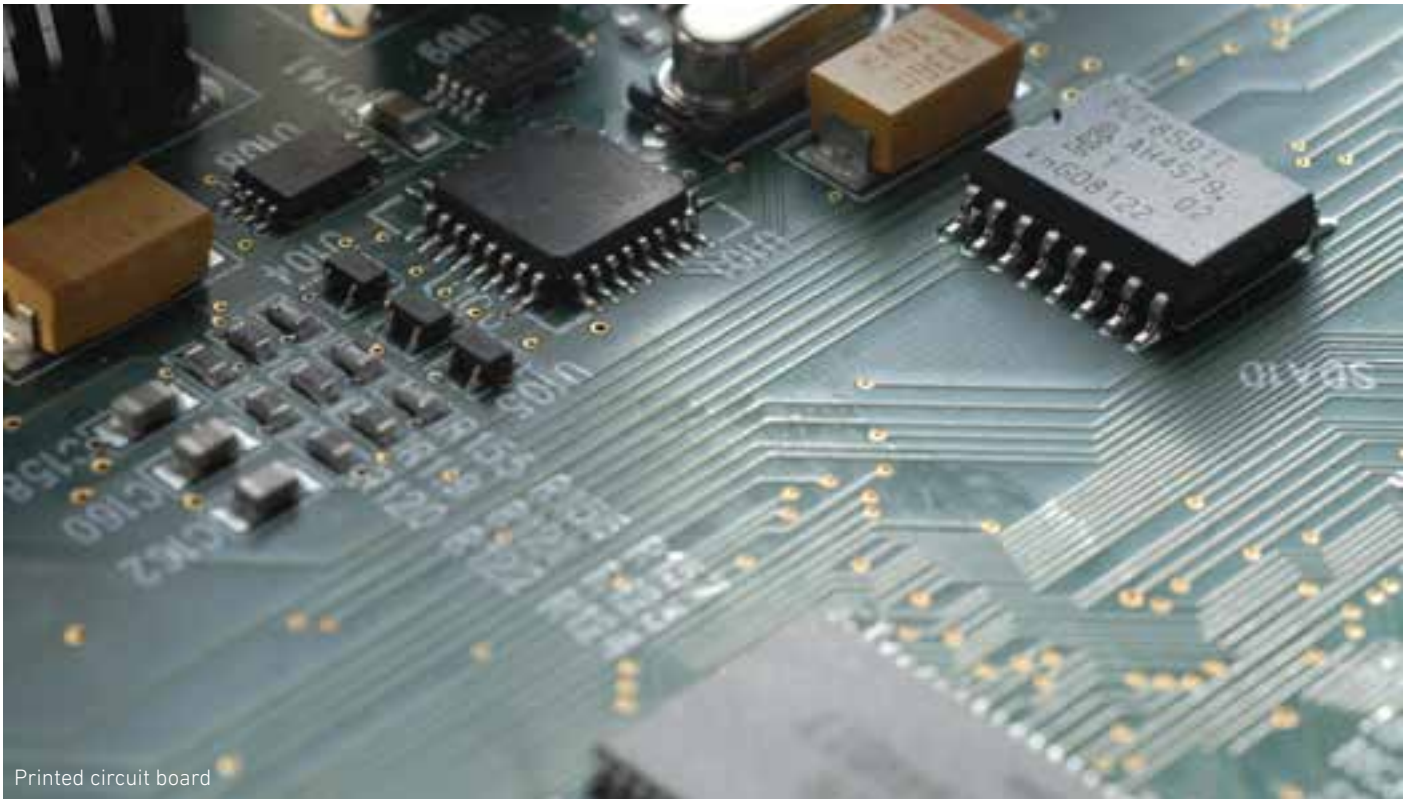
Easy to use: Simple device operation and graphically supported user guidance

Perfect fit: Measure manually or semi-automatically; system adapts to your measuring and testing requirements

Unique in the market: Simultaneous evaluation with up to eight probes for maximum flexibility

Individually configurable: Adaptable to the applications of your industry





Printed circuit board

Multifaceted for coating thickness measurement and material testing

The FISCHERSCOPE® MMS® PC2 is a universal all-in-one measuring system for non-destructive and high-precision coating thickness measurement and material testing. Due to its modular design, the MMS® PC2 can be specially adapted to your measuring task and expanded at any time.

The flexible benchtop instrument permits to measure a wide range of physical quantities without having to change. You can choose from up to eight measuring modules with different test methods for coating thickness, electrical conductivity and ferrite content. With up to eight probes measuring in parallel, more than 100 applications can be measured. If required, the measuring system can be integrated into automated production processes.



Nikasil® layers in aluminum cylinders



Eight plug-in modules for >100 applications

Features

- Universal multi-measuring system for parallel coating thickness measurement and material testing with up to eight measuring modules
- Test method: Amplitude- and phase-sensitive eddy current method, magnetic, magnetic induction, microresistivity and beta-backscattering method
- Measured variables: Coating thickness, electrical conductivity, ferrite content, temperature
- Modules: PERMASCOPE®, SIGMASCOPE®/PHASCOPE®1, PHASCOPE® ESL, SR-SCOPE®, PHASCOPE® DUPLEX, NICKELSCOPE®, BETASCOPE®, Temperature
- Measured value memory: For a large number of measurements
- Measurement range: Depending on the combination of coating and base material and the used probe
- Measurement manually or semi-automatically with motorized stand
- USB and RS232 interfaces
- Probes available for various applications