

DUALSCOPE® FMP100

DUALSCOPE® H FMP150

Two in one: Magnetic induction and eddy current method for highest flexibility (FMP100)

Three in one: Magnetic Induction, magnetic and eddy current method for highest flexibility (FMP150)

Inspection plans: Step-by-step measurement guide to reduce user errors

Meeting all challenges: Reliable and fast results for ambitious measurement tasks

Maximum flexibility: Choose the right probe for your application

Easy to use: Fast and simple operation thanks to intuitive menu





Coating thickness measurement at the highest level

The DUALSCOPE® FMP100 and DUALSCOPE® H FMP150 are powerful instruments used for a variety of coating thickness measurements. With a large selection of high-precision probes to choose from, these devices are a prerequisite for the demanding and frequently changing measuring tasks in automotive work, electroplating or anodizing, heavy corrosion protection, or in measuring the finest coatings.

The DUALSCOPE® FMP100 combines the magnetic induction and eddy current test methods. Coatings on steel and on non-ferrous metals can be measured precisely without changing the settings on the instrument. The DUALSCOPE® H FMP150 is further equipped with the magnetic method for measuring thick non-magnetic but conductive coatings on iron and steel, as well as nickel coatings on non-ferrous metals.



Measurement of anodizing coating on aluminum on a facade



Measurement of a paint coating on steel

With the inspection plan software Fischer DataCenter IP, which is optionally available exclusively for this instrument series, individual test plans can be created on

a PC and transferred to the measuring instrument. The operator is then guided step-by-step through the measurement sequence of the inspection plan.

Features

- Instrument series for highest flexibility and control in coating thickness measurement
- Test method:
 - FMP100: Magnetic induction and eddy current method
 - H FMP150: Magnetic induction, magnetic and eddy current method
- Measured value memory: For a large number of measurements
- Measurement range: Depending on the combination of coating and base material and the used probe
- Easy data transfer via USB
- Limit monitoring via sound
- High-resolution touchscreen display with a displayable keypad, operable with pen or finger
- Probes available for various applications
- Optionally available: Create test plans individually with supplementary, chargeable software license