



## PHASCOPE® PAINT

Professional coating thickness measurement on the go

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# NOW THAT'S BRIGHT: A PEN-LIKE GAUGE THAT TALKS TO YOUR SMARTPHONE

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Looking for a measurement instrument that's as mobile and flexible as you are? Fischer's PHASCOPE PAINT is the handy assistant in your jacket pocket for quick and simple testing of coating thickness.

We wanted it to be easy to use. That's why it works with an intuitive app for Android and iOS. The device connects to the smartphone via Bluetooth. Define the limit values for your measurement, visualize your data and set up measurement protocols – all right from your phone. The app automatically calculates the mean and standard deviation for you, and it produces a histogram of all the results. At the test site, you can also document possible damage by snapping photos with the smartphone and attaching them directly to the measurement report. Would you like to analyze your data in more detail? Use the convenient CSV export function to download your data to a computer.



**Wireless on the go:**  
The pen-gauge connects to your phone via Bluetooth

**Errors immediately visible:**  
If tolerance limits are violated, this is signaled directly by a red LED or warning sounds

**Simple and straightforward:**  
Create and send measurement reports with your smartphone using an intuitive app – without having to transfer the data to a computer



133,4 mm



**Flexible in its application:**  
The phase-sensitive eddy current method allows measurements on both steel and aluminum

**Avoid mistakes:** The app guides the user step-by-step through the calibration process before measuring

**PHASCOPE® PAINT**



AUTOMOTIVE INDUSTRY | CAR PAINT SHOPS | CORROSION PROTECTION | FACADE CONSTRUCTION

## Wherever there are painted surfaces

Whether you want to document damage and defects during inspections or check the body when buying a used car, with its flexible eddy current method the PHASCOPE PAINT is the perfect choice for fast and mobile use. For example, it can measure paint coatings on magnetizable substrates such as steel or iron, as well as on non-magnetic metals like aluminum – all with one device. Not sure what kind of substrate you're dealing with? No worries, PHASCOPE PAINT automatically detects it and selects the right mode.

# Mobile measuring made easy



## The perfect companion when on the go

At just 74 g and shaped like a pen, the PHASCOPE PAINT weighs less than a keyring and fits neatly into any pocket. Its rugged housing perfectly protects the smart electronics inside. Water, dust and corrosive vapors can do no harm to the probe's carbide tip. This makes it ideal for use even under harsh conditions.

## On any surface

When handling workpieces of various aluminum alloys, the different conductivities can influence the thickness measurement of their coatings. But the PHASCOPE PAINT has a conductivity compensation feature to ensure accurate measurement results.

## From single measurements to testing larger areas

Beyond spot checks, the PHASCOPE PAINT also offers a continuous mode for testing large areas – with up to 70 measurements per minute. During the measurement, a red LED and an alarm on the smartphone signal if tolerance limits are exceeded. That makes it easy to recognize defects in the coating, even for non-technical users.

## Features

- Measures paint on both ferrous and non-ferrous metals, as well as anodized layers on aluminum
- Automatically recognizes the substrate material
- Measuring range 0–2500  $\mu\text{m}$ , particularly suitable for thick layers from 25  $\mu\text{m}$  on aluminum and from 70  $\mu\text{m}$  on ferrous metals
- Create and send measurement reports directly with your smartphone or export your data as a CSV file
- The app guides you through calibration step-by-step
- Signal LEDs immediately alert the user to defects in the coating
- Battery lasts for up to 4.5 hours of use
- Robust IP65-rated housing so you can use it under harsh conditions
- Measurements equivalent to these standards: DIN EN ISO 2360, ASTM D7091, DIN EN ISO 2178, DIN EN ISO 21968



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