

# PHASCOPE® PAINT

The pen that measures coating thickness



## Handy and user-friendly

The latest member of the Fischer PHASCOPE® family is the new pen-probe. PHASCOPE PAINt reliably measures the thickness of paint layers on various substrates – quickly and easily. Small and pen-shaped, it slips neatly into your pocket, and it's designed to be simple to use.

Because field testing often involves checking many different kinds of coatings, you need a flexible instrument! That's why the PHASCOPE PAINt relies on the versatile eddy current method. For example, it can measure paint coatings on magnetizable substrates such as steel or iron, as well as on non-magnetic metals like aluminum – without having to change the device or the probe. Not sure what kind of substrate you're dealing with? No worries, PHASCOPE PAINt automatically detects it and selects the appropriate mode.

During measurement, a red LED indicates if tolerance limits are exceeded. That makes it easy to recognize defects in the coating, even for non-technical users.

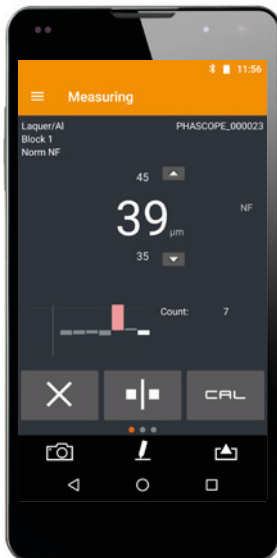
To simplify analyzing the readings, PHASCOPE PAINt uses an intuitive app. The measurements can be visualized on a smartphone without having to first transfer them to a computer. And reports can also be created directly on the smartphone. Special feature: The user can quickly insert photos of the test site into the measurement report to document potentially damaged areas. And then the app does the statistical evaluation for you!



The versatile PHASCOPE PAINT is ideal for measuring all thicker paint coatings – applicable in industries ranging from automotive to corrosion protection. Want to quickly test random samples from a manufacturing line? Perhaps document damage or defects on an inspection round? Or even control incoming goods? For all these tasks and more, PHASCOPE PAINT is the handy gauge in your vest pocket.

When handling workpieces of various aluminum alloys, their different conductivities can influence the coating thickness measurements. This is why the PHASCOPE PAINT is equipped with a conductivity compensation feature, which ensures accurate measurement results.

In addition to spot checks, the PHASCOPE PAINT also has a continuous mode for testing large areas – with up to 70 measurements per minute.



### Advantages

- Signal LEDs immediately alert the user to defects in the coating
- Intuitive app makes creating and sending measurement reports simple
- Quickly calculate process capability with just a few inputs
- Battery lasts for up to 8 hours of use

### Features

- Coating thickness measurement on ferrous and non-ferrous metals
- Measures using the phase-sensitive eddy current method
- Measurement range of 0 – 2500 μm
- Robust IP65-compliant housing protects the sensitive electronics from harsh conditions
- Conforms to these standards:  
DIN EN ISO 2360, ASTM D7091,  
DIN EN ISO 2178 and DIN EN ISO 21968

# Global Sales Global Application Global Service



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