

POROSCOPE® HV5, HV20, HV40

Built to last: Robust and handy for use on construction sites or in production

Customized: Different test voltages for almost any coating thickness and material

Perfect fit: Extensive selection of electrodes for every application

Intuitive operation: Quick and easy thanks to user-friendly menu

Full protection: Highest safety through high voltage generation in the test head





Pipelines and pipes

Detect pores and cracks quickly

The measuring instruments of the POROSCOPE® series are ideal, to quickly and easily inspect protective coatings made of non-conductive materials for the finest pores and cracks. Even defects that are invisible to the eye and embedded foreign bodies are reliably detected.

The mobile measuring device is designed for use on construction sites or in production, e.g. for testing enamel or plastic-coated tanks, boilers and pipelines, plastic-coated food packaging or corrosion protection coatings in the offshore sector. It is also suitable for testing electrostatically chargeable objects.

We offer three models with different test voltages: POROSCOPE® HV5, POROSCOPE® HV20 and POROSCOPE® HV40. This means that you have the right measuring device for almost every coating thickness and every kind of coating material.



Testing the enamel coating of a boiler



Electrodes for various applications

Features

- Portable pore tester for fast and reliable detection of pores and cracks in coatings
- Test method: Porosity testing with high voltage
- Test voltage ranges:
 - POROSCOPE® HV5: 0,8 - 5 kV
 - POROSCOPE® HV20: 4 - 20 kV
 - POROSCOPE® HV40: 8 - 40 kV
- Continuously adjustable test voltage, electronic test voltage monitoring and adjustable sensitivity
- Optical and acoustic pore display on the test head
- Li-ion battery with 8 - 20 h operating time
- Electrodes available for various applications