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Coating thickness measurement – state of the art:
Paint and corrosion protection measurements using innovative technology

Part 5:

Statistics and documentation of coating thickness measurements for optimized quality management

Today, coating thickness gauges with statistics and recording features are essential in the practical quality management of large building and renovation projects; or where ever many measurements have to be taken and documented. In addition to gauges without statistics feature, which will in future still be needed for standard measurements, modern gauges and measuring systems providing such a feature are required for measuring in accordance with standards, when inspecting major projects such as ships, bridges or large steel structures where several thousand measurements have to be taken.

The wireless transmission of coating thickness measurements to a PC offers a fast, reliable, flexible, and convenient way to process readings for statistical purposes.

That way the gauge's plugs keep clean in the rough everyday conditions and do not causing any problems. You can directly analyze all measuring data in a structured manner, print it or send it to project partners via internet.

Furthermore, these modern gauges allow for measurements to be recorded fast and in an ordered manner according to location and time.

Thus, the inspections of each coating thickness of the multi layer systems usually applied, are being documented according to each job. This provides a highly efficient work environment, improving the efficiency of the quality management.

These important additional features are also integrated in the newly developed color coat measuring system, the CarCheck system from AUTOMATION Dr. Nix. It guarantees easy, fast, and reliable menu driven recording, processing and documenting of all coating measurements. For the purpose of quality management and damage assessment of insurance claims within the car trade and automobile industry, state of the art measuring systems offer a faultless analysis and documentation that can clarify without a doubt if a "particularly thick" coated part may be the result of an unprofessionally repaired accident. Such documentation is particularly helpful when dealing with high damage sums or when presenting proof before court. Insurances will be unable to forego such documentation solutions in the future.

The laboratories of coating manufacturers will also come to recognize the increased demands on quality management in future. They will make any effort to optimize their products, paint quality and coatings to meet the coat and quality requirements of manufacturers. Therefore, they will realize the increasing importance of precise definitions and systematic documentation of various coating thicknesses. The world novel CarCheck system offers the quality management of all areas of the automobile industry new prospects regarding accuracy, reproducibility, and the integration of procedures and productivity.

More information: www.qnix.de → PRESS Downloads