

PRESS-RELEASE

AUTOMATION Dr. Nix GmbH & Co. KG.
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Report-series on coating thickness measurement under difficult conditions Series:

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

Part 1.

An up to date overview: innovation in corrosion protection measurement

International competition constantly challenges manufactures of corrosion protection and coating thickness measuring technology.

Growing demands on flexibility, reliability, accuracy and the requirements of qualified users world wide concerning increased productivity and value creation lead to new and innovative measuring systems.

Particularly modular gauge systems with single components suited for various measuring tasks provide high flexibility and reduce cost significantly. The modular QNix® 8500 measuring system is one example of the flexible and cost reducing use of such a system by users, worldwide.

Measuring probes for duplex measurements of various coatings or novel pen-shaped probes for coating thickness measurement on small parts and edges increase reliability and productivity in quality management.

State of the art transmission technology used to transmit readings – for example with a wireless probes – expands the areas of practical application in the lacquer and anti-corrosion coating measurement, increasing work efficiency at the same time.

At the end of the day, innovative and system-integrated measuring gauges such as the new CarCheck system providing menu-guided recording, analysis and documentation of all paint measurements offer completely new areas of applications within the automobile industry.

Until now, usual paint coating gauges have been developed for specific measuring tasks and areas of application.

Thanks to the current developments made by AUTOMATION Dr. Nix, Cologne, Germany – one of the world's leading manufacturers of hand-held gauges – coating thickness measuring technology is now being used in the paint and automobile industry, when inspecting corrosion protection, building large steel structures, renovating bridges, and overhauling ships or in the quality management of energy providers for inspecting pylons.

From a user's point of view and from experience in practical use, the following series of reports provide an up to date overview of the advances made in measurement technology, gauges, and systems. Particularly, regarding its use with optimized lacquer coating measurements, quality control and improved corrosion protection.

The series of articles „Coating thickness measurement – state of the art” informs you about current and future demands on technology required by new international standards.

More information: www.qnix.de → PRESS Downloads

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