

Non-Destructive Measurements

Easy-to-use Handheld Gauges:

- » Coating thickness measurements
- » Dew point measurements
on Fe and NFe substrates

INNOVATION. MADE IN GERMANY.



Our three-year warranty proves:
Quality is our priority.

About us

- » As one of the leading companies in pioneering handheld coating thickness gauge technology worldwide, Automation Dr. Nix have committed themselves to providing products and services of excellent quality
- » The global success of our user-friendly gauges proves the quality of our “Made in Germany” brand
- » Based on our traditional values, we are continuously developing innovative solutions for the market, such as the QNix® 8500 sat Radio Control probe, combining coating thickness and dew point measurements in one gauge for instance or the automatic menu driven CarCheck system

The QNix® product range of high-precision gauges and systems

Coating thickness measurements on metal based surfaces:

- » Fe: measuring of non-ferromagnetic coatings on ferromagnetic substrates, e.g. steel or iron
- » NFe: measuring of non-ferromagnetic and electrically non-conductive coatings on non-ferromagnetic and electrically conductive substrates, e.g. measuring on aluminum-, zinc-, brass- and certain stainless steel substrates

Applications:

Our gauges and systems are being applied in broad fields of application, e.g. in the automotive, paint, coating and corrosion protection industry

Easy-to-use:

QNix® gauges are known worldwide for their quick and easy one-hand operation. Our intuitive PC software has been developed to be just as user-friendly.

No calibration:

Although no calibration is required, you can adjust it to meet your specific needs. We supply all gauges with a calibration certificate.

Reliability and robustness:

Our proven ruby technology inside the sensor heads ensures millions of reliable and accurate measurements. Strict quality tests guarantee the universal use and sturdiness of our gauges.

Made in Germany:

Using the most up-to-date equipment as well as handcraft, we manufacture and develop our gauges and systems in Germany exclusively to ensure high quality all the way.



Modular measuring system QNix® 8500 for coating thickness & dew point measurements

The modular precision measuring system QNix® 8500 provides maximum flexibility. Its special plug system allows for interchangeable probes to be used in different applications. Two gauge versions (Basic and Premium) offer a wide range of functionality and memory capacity. The included user-friendly PC software allows for configuring the gauge, for data analysis and documentation.

Product highlights:

- » Easy-to-use menu in all languages
- » High functionality, e.g. single and continuous measurements, Duplex measurements, statistics, one and two-point calibration, averaging on rough surfaces
- » Converting the coating thickness gauge into a dew point meter, simply by changing the probe
- » Memory capacity of up to 13000 readings and 200 batches
- » Power supply: 2 x batteries (AA) 1,5V or 2 x rechargeable batteries (AA) 1,2V

Scope of supply:

QNix® 8500 Basic or Premium version, optional probe, carrying case, soft



pouch with belt clip, reference plates, adapter cable for external use of probe, batteries, manual, certificate - optional: software and USB adapter, calibration foils

Probes

A selection of interchangeable probes are available, depending on the substrate and measuring range required

- » Fe probes: 2 mm - 5 mm; NFe 2 mm
- Dual probes Fe/NFe 2/2 mm – 5/2 mm – 5/5 mm

QNix® 8500 sat (radio controlled)

This unique thumb sized probe, weighing only 30 grams, facilitates measurements at points of difficult access. The ideal probe for taking many measurements or when the safety during measurement is critical, e.g. the corrosion protection on ships and buildings or any other objects of inspection and restoration.

Product highlights:

- » Transfer of readings up to a distance of 20 meters
- » LED signal confirming valid measurement
- » Take up to 2000 measurements without recharging
- » Protective strip for safe one-hand free measurement

- Measuring range: up to 500 μm
- Interchangeable probe



QNix® 8500: Thin Layer Probe MI Fe 500 μm

This magnet-inductive probe allows for most precise measurements of thin non-ferromagnetic coatings, especially within the lower measuring range. Due to its pen-shape, the probe can also measure smallest steel parts to ensure reliability of protective coatings.

Product highlights:

- » Perfectly suited for high-precision measurements of up to 20 μm coating thickness, as on steel bolts, nuts, screws and angle brackets
- » Usable for hard thin film coatings (PVD coatings), such as TiN, TiCrN, CrN and TiAlN
- » Designed for manual measurements and the use of stand equipment
- » Allows for individually customized calibrations
- » Available application software supports all common languages

Scope of supply:

Probe with 1m cable, carrying case, 2 alignment rings, steel reference plate, reference foils, certificate, manual – optional: measurement stand, sample holder



QNix® 8500 Dew Point Probe:

Our QNix® 8500 measuring system allows for coating thickness gauge to be converted into a dew point meter, simply by changing the probe. The meter then measures and records all relevant climatic parameters according to standards to find out weather conditions for painting in application areas such as steel protection, shipping industry and construction/building maintenance.

Product highlights:

- » User-friendly menu navigation and multilingual support
- » Magnetic clamp for interval measurements
- » Basic version memory feature includes 100 measurements
- » Premium version stores already 10000 measurements in 200 batches
- » Analysis via software
- » Easy maintenance service by interchangeable probes

Scope of supply:

Dew Point Probe, soft pouch with belt clip, adapter cable for external use of probe, certificate, manual

Optional:

Software/USB adapter, magnetic clamp



- Measuring range:
0 – 3000 μm
- Integrated probe

QNix® 4500 / 4200:

two of the most sold gauges for standard applications

The rugged and compact design of the gauge has been developed for simple and fast coating thickness measurement and is suitable for all paint and automobile applications.

Gauge versions:

- » QNix® 4500: for coating thickness measurements on steel/iron and non-ferrous metals (automatic substrate recognition) (Fe/NFe)
- » QNix® 4200: identically designed gauge for measurements on steel and iron only (Fe)

Product highlights:

- » Simple operation by one button only
- » High precision over the entire measuring range
- » High measuring speed
- » Graphic display with backlight for optimum readability

Scope of supply:

QNix® 4500 or QNix® 4200, carrying case, reference plates, batteries, certificate, manual



- Measuring range: 0 – 5000 μm
- Integrated probe

QNix® 1500 / 1500 M / 1200:

Due to its flat design, this classic among the coating thickness gauges allows specifically for measurements at difficult-to-access points and on large surfaces. This flexible and rugged gauge measures up to 5 mm and is the ideal choice for car inspection purposes for instance.

Gauge versions:

- » QNix® 1500: Dual gauge for measurements on steel/iron and non-ferrous metals (Fe/NFe)
- » QNix® 1500 M with memory, statistics function, interface and PC software
- » QNix® 1200 for measurements on steel and iron only (Fe)

Product highlights:

- » High reliability and precision even under tough operating conditions
- » Large measuring range
- » Convenient one-hand operation

Scope of supply:

- » QNix® 1500 / 1200, carrying case, reference plates, battery, certificate, manual
- » QNix® 1500 M: additional software and interface cable



- Measuring range:
0 – 5000 µm
- Interchangeable
probes

QNix® 7500 / 7500 M measuring system:

This modular measuring system is a particularly small and handy coating thickness gauge used with directly inserted probes.

Chose from 6 different probe types – depending on the substrate and measuring range required. For more flexibility, attach the miniature probe to an extension cable.

Gauge versions:

- » QNix® 7500: Dual gauge for measuring on steel/iron and on non-ferrous metals (Fe/NFe)
- » QNix® 7500 M with memory, statistics function, interface and PC software

Product highlights:

- » Wide measuring range of up to 5 mm
- » Large selection of interchangeable miniature probes
- » Convenient one-hand operation
- » Extension cable for flexible use

Scope of supply:

- » QNix® 7500, optional probe, adapter cable for external use of probe (optional), carrying case, reference plates, battery, certificate, manual
- » QNix® 7500 M: additional with software and interface cable



- Measuring range:
up to 5 mm
- Interchangeable
probes

CarCheck System:

The next generation of coating thickness measuring in the automobile industry: menu-navigated measurements of car paint, providing automated documentation

Product highlights:

- » Compact gauge with fully automated menu-navigated measuring system
- » Single measurements included
- » Detailed documentation with analysis and managing software
- » No time consuming calibration
- » Rugged measuring system

Management and analysis software including:

- » Job Wizard to guide the user
- » Tool to create and print out measurement reports
- » User-, vehicle- and customer management

Scope of supply:

CarCheck system gauge with Dual probe Fe/NFe 5 mm, adapter cable for external use of probe, carrying case, reference plates, 2 batteries, soft pouch with belt clip, user manual and reference guide, certificate, documentation, management software, USB adapter



We serve our customers with

- » Competent technical support
- » Professional and fast repair service
- » Calibration service

For further company and product information, please visit our websites.
For individual customer support, contact your country representative.

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