

QNix® 7500: The 'junior Jack' of all trade.

A proven measuring system with interchangeable optional probes for maximum flexibility.

In a close collaboration with practitioners from handwork, industry and the service sectors, a modular system of coating thickness gauge resulted which coalesces characteristics of other proven QNix® gauges in itself.

The modular measuring system:

QNix® 7500 is a particularly small and handy coating thickness gauge that can be used by directly inserting a miniature probe.

For flexible use, the miniature probe can also be attached to an extension cable.

Precise measurements on steel, iron, aluminum, zinc, copper, brass:

The modular measuring system of the QNix® 7500 offers mobility, high measuring accuracy up to 5000 µm, easy handling and unusual application variety:

QNix® 7500 is particularly small and handy gauge that can be used either by directly inserting the miniature probe or inserting an extension cable with the attached probe into the gauge for non destructive measurements of coating thickness on all Fe and NFe substrates.

Simply place and read.

With a simple exchange of the probe, the QNix® 7500 can be optimally adapted to suit the corresponding measuring tasks. For these tasks, there is a wide selection of interchangeable probes available. Probe change occurs via simple pull out and insert. Thereafter, you can immediately start using the gauge again.

A quality product from

AUTOMATION Dr. NIX
GmbH & Co. KG





Simple and user-friendly

Even in its basic version, the QNix® 7500 is equipped with an interface RS 232 or USB, making it possible to transfer the readings on-line to a PC. Despite the unusually broad spectrum of use QNix® 7500 is particularly small and handy. The innovative Hall sensor technology made it possible to design this gauge without incorporating complicated control keys and buttons.

Like all hand measuring instruments of AUTOMATION Dr. Nix the QNix® 7500 is characterized by unusually simple and easy handling, high measuring accuracy, easy operation and large memory capacity. Simply user-friendly.

Product advantages are practicable advantages:

- Modular, precise measuring system for all QNix® probes with a broad application spectrum.
- Increase flexibility: the same probe for internal and with cable for external use.
- High precision over the entire measuring range up to 5000 µm.
- No calibration.
- Automatic On / Off switching.
- USB or RS 232 Interface for on-line measurements.
- Memory version available.
- Simple, easy one-hand operation.
- Innovative technology for tough daily use.

Scope of supply:

- Coating thickness gauge QNix® 7500, alternatively with or without memory function.
- Optional probes.

- Gauge carrying case with reference plates.
- Instruction Manual.
- Test certificate.
- Adaptor cable for external probe connection (optional).

Optional probes:

- Fe, Nfe and Dual probes with measuring range 0 to 2000 µm, optional up to 5000 µm.
- Right Angle probe with measuring range 0 to 2000 µm.
- Under water probe with measuring range 0 to 2000 µm, optional up to 5000 µm and a cable length of approximately 60 meters.

QNix® 7500 M

- Memory and statistical functions.
- USB or RS 232 interface cable.
- PC – Software for evaluation of memorized readings (Win 98 + with USB or RS 232 interface cable for Online measurements).

Technical Data QNix® 7500 | 7500 M

Principle of Operation	Two magnetic measuring principles: Fe: Magnetic-Flux / Hall Effect See Fe* NFe: Eddy Current See NFe*
Standards & Regulation	DIN EN ISO 2808, DIN 50981, DIN 50984, ISO 2178, BS 5411 (3 & 11), BS 3900 - C5, ASTM B 499, ISO 2360, ASTM D 1400, ASTM D 1186, ASTM D 7091
Probe Type	interchangeable
Measuring Range	Fe: 0,0 - 5000 µm NFe: 0,0 - 5000 µm depending on probe model
Metric System µm / mil	optional via Software
Measuring Frequency	1300 ms
Display Metric	below 1000 µm in µm, from 1 mm in mm
Resolution	0,1 µm in the range below 100 µm, 1 µm in the range from 100 - 999 µm 0,01 mm in the range from 1000 µm
Accuracy according to Automation Dr. Nix Standards	Depends on Probe model
PC Interface	serial (interface cable optional)
Display	Digital LCD
Temperature Range	0 - 50 °C
Permitted Storage Temperature	-10 °C - 60 °C
Power Supply	1 x Battery: 9V (Type 9V)
Dimensions (L x W x H in mm)	120 x 60 x 26
Weight incl. Battery	appr. 120 g

Fe* Measuring of non-ferromagnetic coatings on ferromagnetic substrate, for example measuring on steel- or iron-substrates.

NFe* Measuring of non-ferromagnetic and electrically non-conductive coatings (insulating coatings) on non-ferromagnetic and electrically conductive substrate, for example measuring on aluminium-, zinc-, brass- and certain stainless (high-grade) steel-substrates.

Technical data subject to change without notice



* According to our terms of sale



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