

QNiX® 7500: The ‘junior Jack’ of all trades.
A proven measuring system with interchangeable optional probes for maximum flexibility.

In close collaboration with users from crafts, industry and the service sectors, a modular coating thickness gauge has been created, that combines many characteristics of the various proven QNiX® gauges in one device.

The modular measuring system

QNiX® 7500 is a particularly small and handy coating thick-ness 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 QNiX® 7500 modular measuring system provides mobility, high measuring accuracy of up to 5000 µm, easy handling and an unusual variety of applications.

The QNiX® 7500 is a particularly small and handy gauge for non-destructive measurements of coating thickness on all Fe and NFe substrates. It can be used by either directly inserting the miniature probe or attaching the probe to an inserted extension cable.

Simply place and read.

Adapt the QNiX® 7500 to suit the corresponding measuring tasks perfectly by simply exchanging probes. A wide selection of interchangeable probes is available. To change the probes simply pull out one probe and insert the other. Then start using the gauge again immediately.





Simple and user-friendly

Even in its basic version, the QNix® 7500 is equipped with a RS 232 or USB interface, allowing for on-line transmission of the readings to a PC. Despite the unusually broad spectrum of use, the QNix® 7500 is particularly small and handy. The innovative Hall sensor technology made it possible to design this gauge without complicated control keys and buttons. Like all hand-held measuring instruments from AUTOMATION Dr. Nix, the QNix® 7500 is characterized by its unusually easy and safe operation, high measuring accuracy, convenience and large memory capacity. Simply user-friendly.

Product advantages

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

Scope of supply

- QNix® 7500 coating thickness gauge, or as QNix® 7500 M incl. memory function.
- Optional probe.

- 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 – 2000 µm, optional up to 5000 µm.
- Right-angle-probe with measuring range 0 – 2000 µm.
- Under-water-probe with measuring range 0 – 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 stored readings (Win 98 + with USB or RS 232 interface cable for on-line measurements).

Technical Data QNix® 7500 | 7500 M

Measuring Principle	Two magnetic measuring principles: Fe: Magnetic-Flux/Hall Effect ref Fe* NFe: Eddy Current ref 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 Interval	1300 ms
Display Metric	below 1000 µm in µm, above 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	Depending 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 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 aluminum-, zinc-, brass- and certain stainless (high-grade) steel-substrates.

Technical data subject to change without notice



* According to our terms of sale

Germany:

Robert-Perthel-Strasse 2 · 50739 Cologne
Phone +49 (0) 221-917455-0
Fax +49 (0) 221-171221
email info@qnix.de
www.qnix.de