

QNix® 1500: The classic among the coating thickness gauges
The 'automobile professional'. The 'number 1' gauge for experts.



An expert uses QNix® 1500.
The classic among the coating thickness gauges – it is impossible hardly to imagine the automotive sector without it.

As patented electronic coating thickness gauge with two independently working probes for steel and iron as well as non-metal substrates and a readable duplex LCD display, QNix® 1500 offers an unusually extensive spectrum of use. Extended measuring range up to 5000 µm.

The flat design of this gauge allows for measurements at difficult-to-access points. Automobile experts around the globe appreciate this simple and flexible use, even at wide stretching surfaces. Automobile manufacturers and car body shops also put their trust in this gauge.





QNIX® 1500

Simply place and read.

The principle of easy yet safe handling and accurate measurement has made the QNix® 1500 combination gauge a reliable companion in the automotive and corrosion protection area.

A proven coating thickness gauge that has set global standards.

Precise measurements on steel and aluminum

The integrated probes allow for measurements of non-magnetic coatings on steel and iron as well as all isolating coatings on non-ferrous metals such as aluminum, copper, zinc.

Safe. Precise. Problem-free and reliable: no calibration, no change of probes. The wide measuring range makes the QNix® 1500 a small universal genius. The best in its class.

Product advantages

- Large measuring range of up to 5000 μm.
- Integrated Fe/NFe probe with wear-proof ruby tip for long-term use with highest accuracy within over the entire measuring range.
- No calibration required.
- Ideal for wide stretching surfaces.
- Easy measuring at difficult-to-access points.
- High reliability and precision even in tough operating conditions.
- Automatic ON/OFF switching.
- No switching between measuring ranges required.
- Convenient one hand operation.
- Storage of last reading.
- Readable duplex LCD display.
- V-groove for safe measurements on axles and rods.
- 9-Volt-Block battery for many thousands of measurements.

Optimal LCD Display

- Large clear numbers for optimum readability.
- Precise presentation of readings, battery condition, unit, mode and serial number.
- Readings displayed in μm or mil.

Scope of supply

- Coating thickness gauge QNix® 1500, QNix® 1500 M or QNix® 1200.
- 9-Volt-Block battery (alkaline).
- Gauge carrying case with reference plates.
- Free calibration certificate.
- Instruction manual.

QNix® 1500 M

- QNix® 1500 M with memory, statistics functions and universal interface.
- USB interface cable or RS 232 interface with plug and connector.
- PC software for data selection and processing (Windows 98 and above).

QNIX® 1200

For measurements on steel and iron only (ref Fe*).

- Measuring range QNix® 1200: 0 – 2000 μm
- Accuracy QNix® 1200 according to Automation Dr. Nix standards: (1 μm + 2 %) in the range of 0 – 2000 μm

Technical Data QNix® 1500 | 1500 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	integrated
Measuring Range	Fe: 0.0 – 5000 μm NFe: 0.0 – 5000 μm
Metric System μm / mil	Yes
Measuring Interval	Single measurement: 1250 ms
Display Metric	μm in measuring range 0 - 999 μm, mm in measuring range 1.00 - 5.00 mm
Resolution	0.1 μm in the measuring range 0.0 – 99.9 μm, 1 μm in the measuring range 100 – 999 μm, 0.01 mm in the measuring range 1.00 – 5.00 mm
Accuracy according to Automation Dr. Nix Standards	± (1 μm + 2 %) in the range 0.00 – 999 μm ± 3.5 %* in the range 1 – 5 mm (* of reading)
Minimum Measuring Area (in mm x mm)	10 x 10
Minimum Curvature	convex: 5 mm, concave: 25 mm
Minimum Substrate Thickness	Fe: 0.2 mm NFe: 0.05 mm
Display	Digital LCD
Temperature Range	0 – 50° C
Permitted Storage Temperature	-10° C – 60° C
Power Supply	1 x Battery: 9 V (Type 9 V)
Dimensions (L x W x H in mm)	166 x 64 x 34
Weight incl. Battery	appr. 150 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

AUTOMATION Dr. NIX
GmbH & Co. KG



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