

QNiX[®] 1500: The classical among the coating thickness gauges
 The “automobile professional”. The “number 1” gauge for experts.

An expert uses QNiX[®] 1500.
 The classical among the coating thickness gauges – also in the automotive sector.

As patented electronic coating thickness gauge with two independently probes for steel and iron as well as non metallic substrates and 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. The simple and flexible use, even at wide stretching surfaces is appreciated by automobile appraisals around the globe. Automobile manufacturers and auto body shops trust in this gauge.



A quality product from



Simply place and read.

The principle of simple, easy handling and precise measurement has made the combination gauge QNix® 1500 to a reliable partner of the automotive market segment. Not only reliable in the automotive market but also in corrosion protection. It is a reliable coating thickness gauge that sets standards.

Precise measurements on steel and aluminum:

Both non-magnetic coatings on steel and iron and all isolating coatings on non-ferrous metals such as Aluminium, Copper, Zinc can be measured with the direct integrated separate probes.

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



For measurements on steel and iron only.

Product advantages are customer advantages:

- Large measuring range up to 5000 μm.
- Integrated Fe / NFe probe with non-wearing ruby tip for long-term use with highest precision over the entire measuring range.
- No calibration required.
- Ideal for wide stretching surfaces.
- Simply measure at difficult-to-reach places.
- High reliability and precision even under tough operating conditions.
- Automatic ON/OFF switching.
- No switching between measuring range required.
- Comfortable 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 optimal readability.
- Precise presentation of readings, battery condition, unit, mode and serial number.
- Display readings 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 certificate of calibration.
- 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).

Technical Data QNix® 1500 | 1500 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	integrated	
Measuring Range	Fe: 0,0 - 5000 μm	NFe: 0,0 - 5000 μm
Metric System μm / mil	Yes	
Measuring Frequency	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 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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