

# QNix<sup>®</sup> 1500

## Coating Thickness Gauge

Precise thickness measurement for coatings on steel and aluminum.

### Features and Benefits:

- Large measuring range up to 5000  $\mu\text{m}$
- 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

### Simply place and read.

The principle of simple, easy handling and precise measurement has made the combination gauge QNix<sup>®</sup> 1500 a reliable partner to the automotive market and in corrosion protection applications.

### Precise measurements on steel and aluminum.

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

The QNix 1500 gauge is easy, precise, problem-free and reliable, with calibration and no probe change. The wide measuring range makes the QNix<sup>®</sup> 1500 a small universal genius. The best in its class.



A patented electronic coating thickness gauge with two independent probes for steel and iron as well as non-steel and non-metallic substrates, QNix 1500 uses a readable duplex LCD display to offer an unusually extensive spectrum of use. The flat design of this gauge allows for measurements at difficult-to-access points. The simple and flexible use, even at wide stretching, is appreciated by automobile manufacturers around the globe. Automobile manufacturers and auto body shops trust this gauge to provide an extended measuring range up to 200  $\mu\text{m}$ .

# QNix® 1500 Coating Thickness Gauge

## Optimal LCD Display:

- Large clear numbers for optimal readability
- Precise presentation of readings, battery condition, unit, mode and serial number
- Display readings in  $\mu\text{m}$  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 Specifications

<b>Principle of Operation</b>	Two magnetic measuring principles:	
	Fe: Magnetic-Flux/Hail Effect. See Fe*	NFe: Eddy Current See NFe*
<b>Standards &amp; Regulations</b>	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	
<b>Pprobe Type</b>	integrated	
<b>Measuring Range</b>	Fe: 0,0 - 200 mil	NFe: 0,0 - 200 mil
<b>Metric System <math>\mu\text{m}/\text{mil}</math></b>	Yes	
<b>Measuring Frequency</b>	Single measurement: 1250 ms	
<b>Display Metric</b>	$\mu\text{m}$ in measuring range 0 - 999 $\mu\text{m}$ , mm in measuring range 1 - 5,00 mm	
<b>Resolution</b>	0, 1 $\mu\text{m}$ in measuring range 0,0 - 99,9 $\mu\text{m}$ 1 $\mu\text{m}$ in measuring range 100 - 999 $\mu\text{m}$ 0, 01 mm in measuring range 1,00 - 5,00 mm	
<b>Accuracy according to Automation Dr. Nix standards</b>	$\pm (1 \mu\text{m} + 2\%^*)$ in the range 0,00 - 999 $\mu\text{m}$ $\pm 3,5\%$ in the range 1 - 5 mm	
<b>Minimum measuring Area (in mm x mm)</b>	10 x 10	
<b>Minimum Curvature</b>	convex: 5 mm, concave: 25 mm	
<b>Minimum Substrate Thickness</b>	Fe: 0.2 mm	NFe: 0, 05 mm
<b>Display</b>	Digital LCD	
<b>Temperature Range</b>	0 - 50 °C	
<b>Permitted Storage Temperature</b>	-10 °C - 60 °C	
<b>Power Supply</b>	1 x Battery: 9 V (Type 9 V)	
<b>Dimensions (L x W x H in mm)</b>	166 x 64 x 34	
<b>Weight incl. Battery</b>	appr. 150 g	

For more information, speak with your Nordson representative or contact your Nordson regional office.

### United States

Amherst, Ohio  
+1.800.626.8303 Phone  
+1.888.229.4580 Fax

### Canada

Markham, Ontario  
+1.905.475.6730 Phone  
+1.800.463.3200 Phone  
+1.905.475.8821 Fax

### Europe

Erkrath, Germany  
+49.211.9205.141 Phone  
+49.211.9252.148 Fax

### Japan

Tokyo, Japan  
+81.3.5762.2700 Phone  
+81.3.5762.2701 Fax

### Asia/Australia/ Latin America

Amherst, Ohio  
+1.440.985.4000 Phone  
**24-hour message service:**  
+1.440.985.4797

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