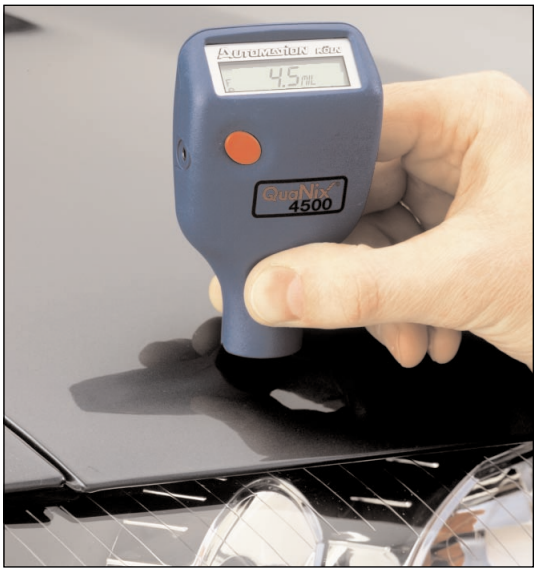
QuaNix 4200/4500 The QuaNix 4200 and 4500 are accurate and easy to use. These gauges are compact and robust – ideal for both indoor and outdoor use. Readings appear on the digital display along with a substrate indicator.

QuaNix™

4200/4500

The QuaNix 4200 for measurements over steel or iron (Fe substrates) and the QuaNix 4500 for measurements over steel AND aluminum (Fe and NFe substrates) have been designed for various applications. Whether it be assessing the paint work on an automobile, inspecting an outdoor structure such as a bridge or water tank, or using them on a liquid or powder line, these handy and rugged gauges will meet the requirements of those measuring coating thickness.



QuaNix 4200/4500

Technical Data

Substrate: Steel or Iron – QuaNix 4200
Steel, Iron AND non-magnetic metals, e.g. aluminum, stainless steel, zinc, copper, brass – QuaNix 4500
Minimum Object Size: Fe 0.4" x 0.4" (10 x 10 mm²)
NFe: 0.24" x 0.24" (6 x 6 mm²)
Minimum Curvature: Convex: 0.02" (5 mm)
Concave: 1" (30 mm)
Minimum Substrate Thickness: Fe: 8 mil (.20 mm)
NFe: 2 mil (0.05 mm)
Measuring Range: 0.00 – 40 mil or 0 – 999 µm
Resolution: 0.01 mil up to 9.99 mil
0.1 mil from 10 to 40 mil
resp. 1 µm
Accuracy: +/- (0.08 mil + 3 %)
resp. +/- (2 µm + 3%)
Temperature Range:
Storage 14°F to 140°F (-10°C to 60°C)
Operating 32°F to 140°F (0°C to 60°C)
Probe: One-point
Power Supply: 2 AA alkaline batteries
Dimensions: 3.9" x 2.4" x 1.1" (100 x 62 x 27 mm)
Weight: 3.5 oz. (100 g.) including batteries

Technical data subject to change without prior notice

Benefits

- No calibration required
- Automatic on/off switch
- Precision and accuracy over complete measurement range
- Hall effect technology for measurements in the heat and cold or even over a wet vehicle surface.
- Measurements over steel (QuaNix 4200) or steel and aluminum (QuaNix 4500)
- Compact, rugged, and robust
- Audible signal confirms measurement
- Readings in both mils and µm (microns) selectable
- One hand operation for all applications
- Durable integrated ruby sensor
- Low Battery indicator warning
- Measuring range 0-40 mils and 0-999 microns
- Substrate indicator

QuaNix 4200/4500 complies to national and international (DIN, ISO, BS, ASTM) standards and regulations:
DIN 50981, 50984
ISO 2178, 2360, 2808
BS 5411 (3, 11), 3900 (C, 5)
ASTM B499, D1400, D1186

Nordson

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