

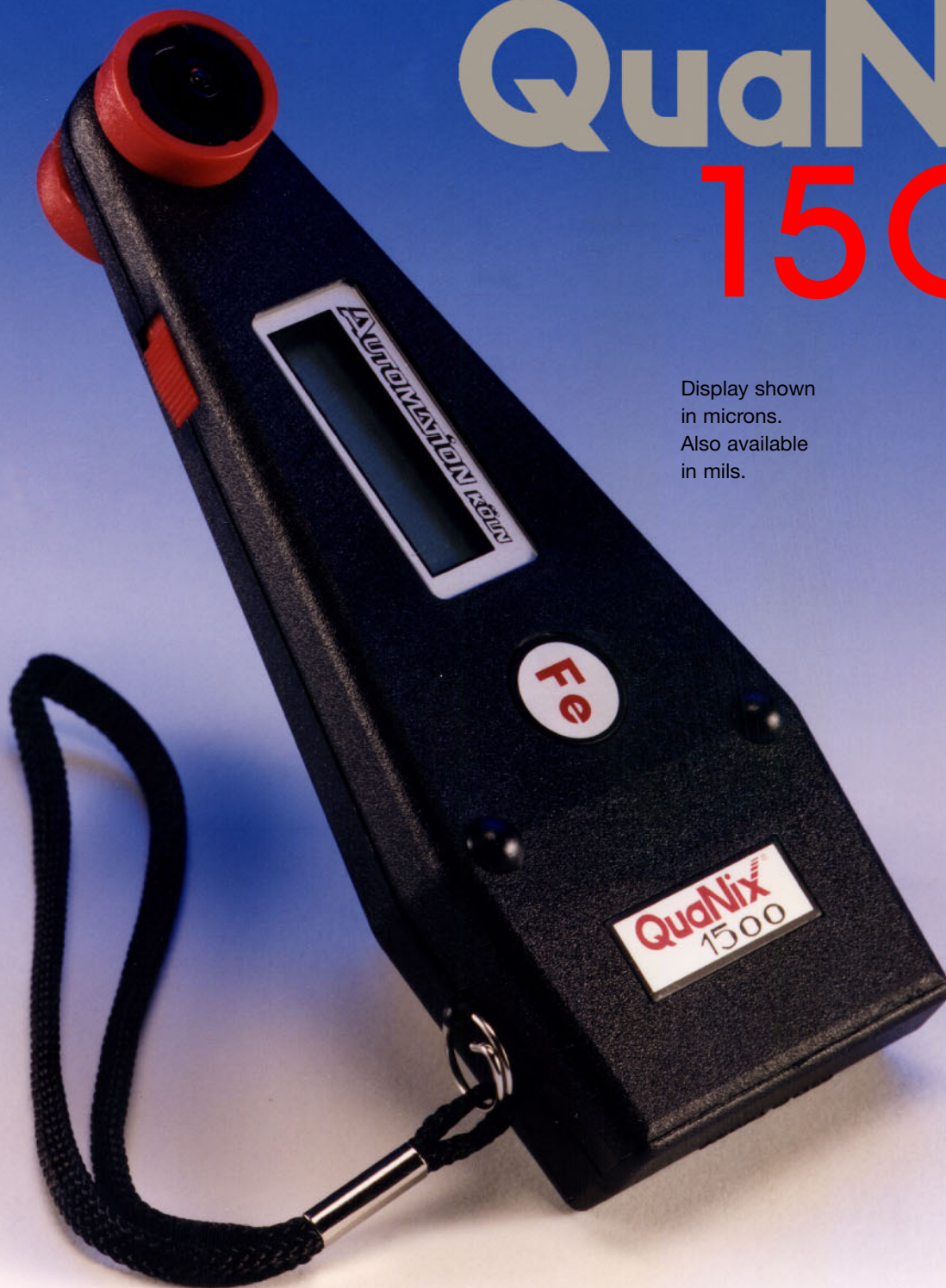
QuaNix 1500 The QuaNix 1500 comprises four gauges for the price usually paid for one. Using its unique design, the QuaNix 1500 will non-destructively measure over ferrous or non-ferrous substrates with its two integrated probes. It also automatically converts readings from mils to micron with its expanded range of 0.00-200 mils or 0.0-5000 microns.



QuaNix[®] 1500

Display shown
in microns.
Also available
in mils.

The special design of the instrument with its duplex display and 10-second retention of the last measured value, facilitates measurements in hard to reach areas. The "V" groove even allows for measurements on rods and other curved surfaces. No exchange of cables and no lengthy calibration is necessary to change from a ferrous substrate to a non-ferrous substrate. Simply turn the gauge over and use the well marked and appropriate measurement probe. ■ The QuaNix 1500 also is available in a memory model that provides block or batch segmentation, instant averaging, high/low readings and software for additional statistical evaluation.



Technical Data

Substrate: Fe: Steel or iron

NFe: Non-ferrous metallic substrates such as aluminum, zinc, copper, brass and stainless steel

Measuring Range: 0.00 - 200 mils 0.0 - 5000 μm (convertible)

Resolution: 0.01 mil in the range of 0.00 - 9.99 mil

0.1 mil in the range of 10.0 - 99.9 mil

1 mil in the range of 100 - 200 mils

or

0.1 μm in the range of 0.0 - 99.9 μm

1 μm in the range of 100 - 999 μm

0.01 mm in the range of 2.00 - 5.00 mm

Repetitive Accuracy: +/- (.04 mil + 2%) from 0-40 mils

+/- (.04 mil + 3.5%) from 40-200 mils

Minimum Object Size: Fe: 0.4" x 0.4"

NFe: 0.24" x 0.24"

Minimum Curvature: Convex: 0.2"

Concave: 1"

Minimum Substrate Thickness: Fe: 8 mils or

.20 mm

NFe: 2 mils or 0.05 mm

Temperature Range:

Storage: 14°F to 140°F (-10°C to 60°C)

Operating: 32°F to 140°F (0°C to 60°C)

Display: Digital

Probes: One-point

Power Supply: 9V alkaline battery

Dimensions: 6.5" x 2.5" x 1.2"

Weight: 5.3 oz. including battery

Interface: RS-232

Memory (optional): Capacity up to 3900 values

Statistics (optional): Average, maximum and minimum of values

Blocks (optional): up to 999

Technical data subject to change.

The QuaNix 1500 and 1200 comply to national and international (DIN, ISO, BS, ASTM) standards and regulations:

DIN 50981, 50984

ISO 2178, 2360, 2808

BS 5411 (3,11), 3900 (C5)

ASTM B499, D1400, D1186

QuaNix® 1500

Benefits

- Measures over Ferrous and Non-Ferrous substrates
- Measuring range 0-200 mils convertible to microns
- Memory available
- No calibration
- Equipped with a non-wearing ruby probe for long life and precision.
- No cables or plugs are required.

Technical Data

Substrate: Steel and Iron (Fe)

Measuring Range: 0 - 80 mils
(0 - 2000 μm convertible)

Repetitive Accuracy: +/- (.04 mil + 2%)

Basic Tolerance: .04 mils

Display: Digital (LCD)

Power Supply: 9V alkaline

Dimensions: 6.5"x2.5"x1"

Weight: 4.6 oz.

Minimum Curvature: Convex (0.2")
Concave (1")

Minimum Substrate Thickness: 8 mils (0.008")

QuaNix® 1200



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