

# NDT INTERNATIONAL, INC.

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## QNiX 1500

### Technical Data

**Substrate:** Fe: Steel or iron  
NFe: Non-ferrous metallic substrates such as steel  
aluminum, zinc, copper, brass and stainless

**Measuring Range:** 0.00 - 80.0 mils 0.0 - 2000  $\mu$ m (convertible)  
- 200 mils 0.0 - 5000  $\mu$ m (convertible)

**Resolution:** 0.01 mil in the range of 0.00 - 9.99 mils  
0.1 mil in the range of 10.0 - 99.9 mils  
1.0 mil in the range of 100 - 200 mils  
or  
0.01  $\mu$ m in the range of 0.0 - 99.9  $\mu$ m  
1  $\mu$ m in the range of 100 - 999  $\mu$ m  
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 0.20 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

### Benefits

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

## QNiX 1200

### Technical Data

**Substrate:** Steel and Iron (Fe)

**Measuring Range:** 0 - 80 mils  
(0 - 2000  $\mu$ m 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")

from **AUTOMATION Dr.NIX**

Technical data subject to change.

The QNiX 1500 and 1200 comply to national and international (DIN, ISO, BS, ASTM) standards and regulations: DIN 50981, 50984, ISO 2178, 360, 2808 Bs 5411(3,11), 3900 (c5) ASTM B499, D1400, D1186