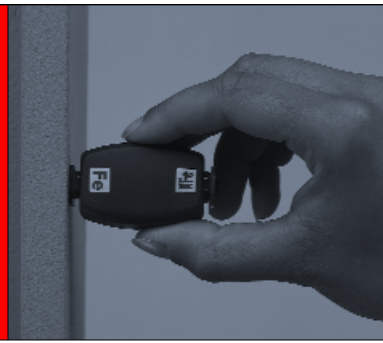


QuaNix Keyless The QuaNix Keyless is a fully automatic coating thickness gauge with wireless technology. Now measurements can be taken with no keys, no buttons, no cables, and no connectors.



QuaNix[®] Keyless



Display is in microns.
Also available in mils.

While calibration has not been necessary for the QuaNix Gauges on all standard applications for years, the zeroing of both sensors is fully automatic for the new QuaNix Keyless gauge. The miniaturized combination ferrous/non-ferrous probe can be taken out of the gauge and transfers the measured data by radio control.

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 - 80.0 mils 0.0 - 2000 μm (convertible)

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: Standard: +/- (.04 mil + 2%) from 0-80 mils

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

+/- (.04 mils + 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: 2 AA alkaline batteries

Power Supply of Probe: Akku, recharged by basic instrument

Capacity of Probe: ca. 2000 readings

ISM Frequency Band: USA 916.5 MHz, Europe 433.9 MHz

Transmission Range: 60' max.

Dimensions: 4" x 2.25" x 5/8"

Weight: 5 oz. Including battery

Interface: RS-232

Memory (optional): Capacity up to 3900 values

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

Blocks (optional): up to 200

Technical data subject to change

The QuaNix Keyless complies 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®
Keyless

Benefits

- Miniaturized mobile probe for measuring over all metals
- Automatic zeroing
- Automatic probe recharge in the basic gauge
- No calibration
- Excellent accuracy
- Optimum handling
- One hand operation for all applications
- No keys, no buttons, no menus
- Signal transfer via wireless technology

Options

- Measuring range up to 200 mils
- Memory/statistical functions
- PC-Software compatible with Win95/ Win 98/ Win NT
- RS-232 Interface



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