

QuaNix® 5500

The multi-functional QuaNix 5500 meets the most stringent of quality control requirements. Combining both a coating thickness gauge and a printer all in one, the probe cable can be equipped with a ferrous probe for measurements on steel or iron substrates as well as a non-ferrous probe for measurements on non-magnetic metals such as aluminum, copper and stainless steel.

Accurate:

- All probes offer zero points
- Standards or limits can be set and a warning is sounded if exceeded
- Special application settings are also available
- Continuous scan of the substrate with readings every second is possible

Record of Measurements:

- Measurements can be printed as they are taken or at a later time
- Maximum, minimum, mean value, standard deviation and histogram can be printed
- Statistical data is available for 1 block, a sequence of blocks, or the total of all readings
- With the RS 232 Interface, readings can be transferred to a PC



Component Options:

- Ferrous Probe - either 0.00-80 mil (0 - 2000 microns) or 0.00 - 200 mil (0 -5000 microns)
- Non-Ferrous Probe - either 0.00-80 mil (0-2000 microns) or 0.00 - 200 mil (0 -5000 microns)
- Dual Ferrous/Non-Ferrous Probe - either 0.00-80 mil (0-2000 microns) or 0.00 - 200 mils (0-5000 microns)
- Right Angle Probe - Ideal for measuring inner diameter and other hard to reach areas
- Software - Windows 95//98/NT

TECHNICAL DATA - GAUGE

Substrate:

Fe: Steel or Iron

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

Power supply: NiCd-batteries, rechargeable Weight 14.7 oz. Including battery Dimensions 6.5" x 2.5" x 1.3"

Display Digital (LCD) Measuring Range:

0.00-200 mil or 0.0-5000 micron

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Temperature Range:

Storage 14F -140F

Operating 32F - 140F

Minimum Substrate Thickness:

Fe - 8 mil

NFe - 2 mil

Repetitive Accuracy:

+/- 2%, +/- 0.06 mil, or +/- 1.5 micron depending on the measuring range

Minimum object size 0.4" x 0.4" Minimum curvature 0.2" convex Probes one point Memory capacity up to 3900 values

(optional) Blocks Up to 999 Interface RS 232 C Software:

Menu-guided and includes a heading, record of all measurements taken, high/low and averages, standard deviations, coefficients of variations, and histograms.

TECHNICAL DATA - PRINTER

Printing Method: Thermoprinter

Characters Per Line: Max. 26

Printing Speed: Appr. 1 sec. per line

Printing Capacity of Batteries: Sufficient for appr. 4000 lines.

Paper:

- Width - 2.3"
- Diameter - 1"
- Length - 276"