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QNix® 8500

The **QNix®** 8500 sets a new standard in Coating Thickness Measurement. The gauge is compact and robust - designed by Engineers for the Engineer. The gauge offers unparalleled flexibility and multiple calibration options.

The **QNix® 8500** allows you to accurately measure coating thickness on iron and steel substrates as well as non-magnetic metal substrates, such as aluminum, zinc, copper, brass, and stainless steel. The gauge features a modular system with interchangeable parts. In addition you will benefit from 2.4 GHz wireless communication with your PC (range up to 30 feet), multiple calibration options, and a configurable language setting.

Measurement range dependent on the probe used: Fe Probe 2mm (80 mils), Fe Probe 5mm (200 mils), NFe Probe 2mm (80 mils), Dual Probe Fe/NFe 2mm (80 mils) or Dual Probe Fe/NFe 5mm (200 mils). Wireless version of probe is available as well.

Optional storage of up to 13000 readings, 200 batches, 100 calibrations with QNix software for transfer to and evaluation of the data in EXCEL and gauge configuration. Available with 2.4 GHz wireless USB Interface for communication with your PC (transmittal range up to 30 feet), multiple calibration options, and a configurable language setting available with the Premium Package.

TECHNICAL DATA

Substrate: Fe-probe: Steel or Iron NFe-Probe: Non-magnetic metals, e.g. Aluminium, zinc, copper, brass, stainless steel	Power supply: 2 size AA alkaline batteries Weight: 115 g (4.1 oz) incl. Batteries Dimensions case 124 x 67 x 33 mm (4.9" x 2.6“ x 1.3“)
Temperature Range: Storage -10°C to 60°C (14°F to 140°F) Operation 0°C to 60°C (32°F to 140°F)	Accuracy: +/- (1 µm + 2%*) 0 - 2000 µm +/- 3.5 %* -> 2000 µm (* of reading)
Minimum object size Fe 10 x 10 mm² (0.4"x0.4") NFe 6x6 mm² (0.24"x0.24")	Minimum curvature convex 5 mm (0.02") concave 30 mm (1.2")
Minimum Substrate Thickness: Fe 0.20 mm (8 mil) NFe 0.05 mm (2 mil)	Resolution: 0.1 µm - 0 to 99.9 µm 1.0 µm - 100 to 999µm 0.01µm - >= 1.00 mm