KC-260 Series

Coating Thickness Gauges

KC-260F - RANGE 3000 µm

Measures the thickness of non-magnetic coatings on magnetic metallic base (e.g. zinc, aluminum, Cr. Copper, rubber, paint, coating on the base of steel, iron, alloy and hard magnetic steel etc.)

KC-260FH

Same as KC-260F but 0-10,000um

KC-260N RANGE 2000 µm

Measure all electrically insulating coating layers, such as lacquer, Varnish, paint, anodizing coating on nonferrous metals, also on austenitic VA steel materials.



TECHNICAL SPECIFICATIONS

Model	KC 260F (steel)	KC 260N (non-ferrous metal)	KC 260FH (steel)
Measuring Principal	Magnetic	Eddy Current	Magnetic
Measuring Range	0...3000µm	0...2000µm	0...10000µm
Measuring Uncertainty	Zero-point calibration ±(2%H+1µm) Two-point calibration ±(1%H+1µm)		±(2%H+10µm)
Display Resolution	0.1µm 0µm≤reading <100µm 1µm 100µm≤reading <1000µm 10µm 1000µm≤reading		
Repeatability	±(1%H+1µm)		±(1.5%H+10µm)
Display	4-digit screen LCD,with LED backlight		
Measuring units	µm/mm		
Calibration	Zero-point and two-point calibration		
Statistics	Mean Value, Standard deviation, Number of readings, Min. and Max.		
Power Supply	Two AA type batteries		
Interface	USB		
Min. Curvature Radius	1.5mm	3mm	10mm
Min. Measuring surface	∫ 7mm	∫ 5mm	∫ 40mm
Min. substrate thickness	0.5mm	0.3mm	2mm

Standard Delivery	Gauge with sensor • Calibration foil set • Operating instructions • Data transfer program CD • USB cable • Suitcase