

COATING THICKNESS GAGE
CODE ISO-2000FN

INSIZE PLUS
MADE IN GERMANY

SUITABLE FOR SMALL SURFACES,
CONCAVE OR CONVEX SURFACES

FOR MAGNETIC AND
NON-MAGNETIC SUBSTRATES



magnetic induction
probe Fe (optional)
ISO-2000FN-FE



eddy current probe
NFe (optional)
ISO-2000FN-NFE

- Suitable for small surfaces, concave or convex surfaces
- Magnetic induction probe (Fe) measures the thickness of non-magnetic coating on magnetic substrate
Substrate: iron, steel, magnetic stainless steel (not for non-magnetic stainless steel)
Coating: zinc, copper, chrome-tin, plastic powder, paint (not for nickel)
- Eddy current probe (NFe) measures the thickness of non-conductive coating on non-magnetic metal substrate
Substrate: copper, aluminum, zinc, non-magnetic stainless steel
Coating: plastic powder, paint, anodizing



standard foils (included)

MAIN UNIT

Code	ISO-2000FN (without probes)	
Measuring range	magnetic induction probe (Fe)	0~2000µm
	eddy current probe (NFe)	0~800µm
Accuracy	±(1.5+2%L)µm L is measuring thickness in µm	
Resolution	0.1µm (range<100µm)	
	1µm (range 100~1000µm)	
	10µm (range≥1000µm)	
Repeatability	1µm (range 0~1000µm)	
	10µm (range≥1000µm)	
Measuring mode	continuous or single	
Calibration mode	four points calibration	
Minimum substrate thickness	magnetic induction probe (Fe): 0.2mm, eddy current probe (NFe): 0.05mm	
Minimum measuring area	5x5mm, calibration should be made on workpiece without coating	
Power supply	2×1.5V AA batteries	
Dimension of main unit	122×65×22mm	
Weight of main unit	150g	

STANDARD DELIVERY

Main unit	1 pc
Zero calibration block for Fe probe	1 pc
Zero calibration block for NFe probe	1 pc
Standard foil	7 pcs
Battery (AA)	2 pcs

PROBE (OPTIONAL)

Magnetic induction probe (Fe)	ISO-2000FN-FE
Eddy current probe (NFe)	ISO-2000FN-NFE