



FOR MAGNETIC AND
NON-MAGNETIC MATERIALS

COATING THICKNESS GAGE CODE ISO-3500FN

- Integrated with magnetic-induction probe (Fe) and eddy current probe (Nfe), switch to the suitable probe automatically according to the material to be measured
- Magnetic induction probe (Fe) is to measure the thickness of non-magnetic coating on magnetic substrate
Substrate: iron, steel, magnetic stainless steel (does not include non-magnetic stainless steel)
Coating: zinc, copper, chrome-tin, plastic powder, paint (does not include nickel)
- Eddy current probe (NFe) is to measure the thickness of non-conductive coating on non-magnetic metal substrate
Substrate: copper, aluminum, zinc, non-magnetic stainless steel
Coating: plastic powder, paint, anodizing
- Set zero without calibration foil
- Power off automatically (40 seconds without operation)



SPECIFICATION

Measuring range		0~3500μm
Accuracy		±(2%L+1)μm (range<1000μm) ±(3.5%L)μm (range≥1000μm) L is measuring thickness in μm
Resolution		0.1μm (range<100μm)
		1μm (range100~1000μm)
		10μm (range≥1000μm)
Repeatability		1μm (range<1000μm)
		10μm (range≥1000μm)
Measuring mode		continuous and single
Calibration mode		zero calibration
Minimum substrate thickness		magnetic-induction: 0.2mm, eddy current: 0.05mm
Minimum measuring area		10×10mm
Minimum curvature radius of workpiece	concave	30mm
	convex	5mm
Power supply		9V battery
Dimension		118×58×38mm
Weight		150g

STANDARD DELIVERY

Main unit	1pc
Zero calibration block for Fe probe	1pc
Zero calibration block for NFe probe	1pc
9V battery	1pc

OPTIONAL ACCESSORY

Standard foil (for checking accuracy) 20μm, 50μm, 100μm, 250μm	ISO-3500FN-FOIL
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