

# COATING THICKNESS GAGE PART NO. ISO-5000FN

FOR MAGNETIC AND  
NON-MAGNETIC SUBSTRATE

DATA  
OUTPUT



probe can rotate 0 ~ 90°, suitable for inclined surfaces, grooves and bore surfaces



standard foils (included)

- 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
- Two points calibration
- Probe can rotate 0 ~ 90°, suitable for inclined surfaces, grooves and bore surfaces
- Memory of 500 measurement values for browsing and output
- Power off automatically

## SPECIFICATION

Measuring range	magnetic induction probe (Fe)	0 ~ 200mils
	eddy current probe (NFe)	0 ~ 80mils
Accuracy		±1mils (range<4mils) ±(1%L)mils (range 4 ~ 40mils) ±(3%L)mils (range40 ~ 80mils) ±(5%L)mils (range>80mils) L is measuring thickness in mils
Resolution		0.1mils (range<10mils) 1mils (range 10 ~ 100mils) 10mils (range>100mils)
Repeatability		1mils (range<40mils) 10mils (range>40mils)
Measuring mode		single
Calibration mode		two points calibration
Minimum substrate thickness		magnetic induction probe (Fe): 12mils eddy current probe (NFe): 2mils
Minimum measuring area		.31" DIA
Minimum curvature radius of workpiece	concave	1.5"
	convex	.12"
Output		Bluetooth
Power supply		1×1.5V AA battery
Dimension		3.86×1.1×1.1"
Weight		.16lb



## STANDARD DELIVERY

Main unit	1pc
Zero calibration block for Fe probe	1pc
Zero calibration block for NFe probe	1pc
Bluetooth receiver and software	1pc
Standard foil	2pcs
1.5V AA battery	1pc