PREMIUM QUALITY INSIZE PLUS MADE IN GERMANY

DATA OUTPUT

FOR MAGNETIC AND NON-MAGNETIC SUBSTRATE

Software for PC (included), connected to PC by Bluetooth, upload the memory to PC

Android APP (included), connected to mobile device by Bluetooth, display measurement value and data statistics

COATING THICKNESS GAGE
CODE ISO-5000FN

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

SPECIFICATION

Measuring range	magnetic induction probe (Fe)	0~5000µm
	eddy current probe (NFe)	0~2000µm
Accuracy		±1µm (range<100µm) ±(1%L)µm (range 100~1000µm) ±(3%L)µm (range 1000~2000µm) ±(5%L)µm (range>2000µm) L is measuring thickness in µm
Resolution		0.1µm (range<100µm) 1µm (range 100~1000µm) 10µm (range>1000µm)
Repeatability		1µm (range<1000µm) 10µm (range>1000µm)
Measuring mode		single
Calibration mode		two points calibration
Minimum substrate thickness		magnetic induction probe (Fe): 0.3mm
		eddy current probe (NFe): 0.05mm
Minimum measuring area		Ø8mm
Minimum curvature radius of workpiece	concave	38mm
	convex	3mm
Output		Bluetooth
Power supply		1×1.5V AA battery
Dimension		98x28x28mm
Weight		72g

- 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 0~90º, suitable for inclined surfaces, grooves and bore surfaces
- Memory of 500 measurement values for browsing and output
- Power off automatically

STANDARD DELIVERY

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

standard foils (included)