DATA OUTPUT

FOR MAGNETIC AND NON-MAGNETIC SUBSTRATES


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

VIDEO

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


software CD (included)

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)

COATING THICKNESS GAGE CODE ISO-1500F

- To measure the thickness of any non-magnetic coating on magnetic substrate
  substrate: steel, iron, magnetic stainless steel (non-magnetic stainless steel is not included)
  coating: zinc, copper, chrome, tin, plastic, paint (nickel is not included)
- Low and high limits with judgement
- Calculate average value automatically

MEASURE NON-MAGNETIC COATING ON MAGNETIC SUBSTRATES

VIDEO


software CD (included)


zero calibration block (included)


calibration foil (included)


printer (**optional**)

SPECIFICATION

Measuring range		0~1500μm
Accuracy		±(2%L+2)μm L is measuring thickness in μm
Resolution		0.1μm (range<1000μm)
		1μm (range≥1000μm)
Repeatability		±1μm (range<100μm) ±(1%L)μm (range≥100μm) L is measuring thickness in μm
Measuring mode		continuous and single
Calibration mode		zero calibration, one point calibration, two points calibration
Minimum substrate thickness		0.5mm
Minimum measuring area		10×10mm
Minimum curvature radius of workpiece	concave	30mm
	convex	5mm
Output		USB
Memory		1200
Power supply		3×1.5V AAA batteries (power off automatically)
Dimension		88×67×30mm
Weight		120g

STANDARD DELIVERY

Main unit	1pc
Zero calibration block	1pc
Calibration foil (50μm, 100μm, 500μm, 1000μm, 1500μm)	1set
1.5V AAA battery	3pcs
Software and USB cable	1pc

OPTIONAL ACCESSORY

Printer	ISH-DS-PRINTER