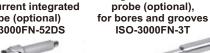
## **COATING THICKNESS GAGE**

main unit magnetic induction and eddy current integrated probe (optional) ISO-3000FN-52DS







suitable for inclined surfaces, grooves and bore surfaces

Software for PC (included), connected to

magnetic induction

PC by wireless, upload the memory to PC

DATA OUTPUT

# FOR MAGNETIC AND NON-MAGNETIC SUBSTRATE



- 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
- Low and high limits with judgement
- Two points calibration
- Memory of 10000 measurement values for browsing and output
- Power off automatically

### MAIN UNIT SPECIFICATION

probe interface

Code	ISO-3000FN		
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 and continuous		
Calibration mode	two points calibration		
Minimum substrate	magnetic induction (Fe): 0.3mm		
thickness	eddy current (NFe): 0.05mm		
Output	wireless		
Power supply	3×1.5V AA battery		
Dimension	198×92×35mm		
Weight	265a		

# PROBE (OPTIONAL) SPECIFICATION

Code		ISO-3000FN-52DS	ISO-3000FN-3T	
Measuring	magnetic induction probe (Fe)		0~5000µm	0~3000µm
range	eddy current probe (NFe)		0~2500µm	
Minimum measuring area		Ø6mm	Ø3mm	
Minimum curvature radius of workpiece		concave	38mm	13mm
		convex	6mm	2mm

### STANDARD DELIVERY

OTANDAND 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	3pcs



USB wireless receiver (included)



standard foils (included)

#### OPTIONAL DELIVERY

Magnetic induction and eddy current integrated probe	
Magnetic induction probe (for bores and grooves)	

ISO-3000FN-52DS ISO-3000FN-3T