

## Uee Series-Coating Thickness Gauge Uee920S

WARRANTY  
3 YEARS



USB



Software



LCD



## Functions & Features

- New system and menu with high accuracy
- High quality metal probe, integrated with Fe and NFe function in one probe
- Three Test modes: Fe / NFe / Auto
- Able to test chromium on copper at range 0~ 40um
- Two working modes: continuous and single
- Limit setting function
- Switch off automatically or manually
- Easy Calibration: by substrate and one specimen to finish calibration
- Five statistics: Average, Maximum, Minimum, Testing times, Standard deviation.
- Standard delivery with 5 calibration specimens (50μm、100μm、249μm、500μm、100μm)
- Software for PC connection and data transmission.
- 3 years warranty and life-long services

## Measuring Materials

- Magnetic Induction (Fe): Measuring the thickness of Non-magnetic coating on magnetic metal substrate, such as aluminum, chromium, copper, zinc, rubber, paint on the base of steel, iron, alloy and magnetic steel .
- Eddy Current (NFe): Measuring the thickness of Non-conductive coating on non-magnetic metal substrate, such as rubber, plastic, paint, oxide on the base of aluminum, copper, zinc, tin.

## Technical Parameters

Model	Uee920S
Measuring principle	Magnetic induction (Fe ) & Eddy current ( NFe)
Measuring range( $\mu\text{m}$ )	0 ~ 1500
Probe	Fe and NFe in one probe
Shell	Plastic
Accuracy	$\pm(2\%H+1) \mu\text{m}$ ; H refers to the thickness of testing piece
Minimum resolution( $\mu\text{m}$ )	0.01 $\mu\text{m}$ (adjustable)
Min curvature of the min area (mm)	Convex1.5 Concave3
Diameter of the min area (mm)	$\Phi 7$
Critical thickness of substrate (mm)	0.5
Memory	500 testing values
Dimensions	163*78*33 mm
Power supply	3*AA Alkaline battery
Standard Configuration	Main Machine, probe*1(Fe & NFe), substrate*1(Fe & NFe), Calibration specimens*5, software & USB, Users' Manual, Qualified Certificate, Packing
Optional Accessories	Probes, Specimens

## Pictures



New system



High Precision



Water-proof Box