



PRODUCT DATA SHEET

Wide Measuring Range Coating Thickness Gauge with Separated Probe

EC-900 / EC-910

The measuring range of this coating thickness gauge is up to 5000um. It is used for non-destructive coating thickness measurement of non- magnetic coatings on steel and insulating coatings on non-ferrous metals. It is with separated external probe and can be replaced easily.

- High accuracy and stability, wide measuring range
- With separated probe and can be replaced easily
- 128X128 dot matrix LCD display and menu interface
- LCD shows mean, maximum, minimum and standard deviation
- User can set alarm limit and red backlight indication
- Readings can be stored, recalled and deleted

- Easy to do zero calibration and multi-point calibration supported
- Connect with PC via USB to download readings
- Multiple languages supported
- Up to 5 measurement groups supported
- Detect the type of substrates automatically



EC-900

Device with optional separated probe, CD, manual, 3 batteries, USB cable, ferrous and non-ferrous metal, 5 foils.

EC-910

Device with separated probe, CD, manual, 3 batteries, USB cable, ferrous and non-ferrous metal, 5 foils.

Specifications	EC-900	EC-910
Measuring principle	Magnetic induction(F), Eddy current(N)	Fe: Magnetic induction
Measuring range	Decided by probe	10000 μ m
Accuracy	$\pm(2\%+1\mu\text{m})$	$\pm(1\%+5\mu\text{m})$, (After calibration)
Resolution	0.1 μm (0~99.9 μm), 1 μm ($\geq 100\mu\text{m}$)	1 μm (0~5mm), 10 μm ($\geq 5\text{mm}$)
Readings memory	2000 readings	
Unit	μm , mm, mils	
Operation environment	Temperature: -10~50°C	
Storage environment	Temperature: -20~60°C	
Power supply	3pcs 1.5V AAA batteries	
Standards / Certificates	CE, ROHS, ISO 2178, 2360, GB / T 4956-2003, 4957-2003	
Size / Weight / Case material	174mmX73mmX40mm / 195g / ABS	

