## **EC-900 Series** High Accuracy 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 nonmagnetic 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	EC-910	
Measuring principle	Magnetic induction(F), Eddy current(N)	Fe: Magnetic induction	
Measuring range	Decided by probe	10000µm	
Accuracy	±(2%-1µm)	±(1%+5μm),(After calibration	
Resolution	0.1μm(0-99.9μm), 1μm(≥100μm)	1μm(0~5mm), 10μm(≥5mm	
Readings memory	2000 readings		
Unit	μπ, mm, mils		
Operation environment	Temperature: -1050°C		
Storage environment	Temperature: -10~60°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		





## EC-900/EC-910

- Up to 10000µm range (EC-910)



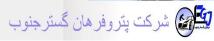
Device with optional separated probe, CD, manual, 3 batteries, USB cable, ferrous and non-ferrous metal, 5 foils. Part no.: 1000100029(separated probe F5.0 N3.0)

Device with separated probe, CD, manual, 3 batteries, USB cable, ferrous and non-ferrous metal, 5 foils. Part no.: 1000100018

Accessories	Range		
Separated probe, F and N	0~1500μm	±(2%+1µm)	1000700024
Separated probe, F and N	0-2000µm	±(2%+1µm)	1000700025
Separated probe, F and N	0~2500μm	±(2%+1µm)	1000700026
Separated probe, F and N	0-3000µm	±(2%+1µm)	1000700027
Separated probe, F and N	F: 0~5000μm; N: 0~3000μm	±(2%+1µm)	1000700028
Separated probe, only F	0~10000µm	±(1%+5µm)	1000700019







SHENZHEN YOWEXA SENSOR SYSTEM CO, LTD.