

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 5000µm. 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 / EC-910

- Up to 10000µm range (EC-910)
- Separated probe

EC-900

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)

EC-910

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

Specifications	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	µm, mm, mils	
Operation environment	Temperature: -10~50°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	



Accessories	Range	Accuracy	Part no.
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

