

EC-700 Series -- Features and Benefits



- Measurement range up to 5,000um(Option Probe)
- Data storage up to 2000
- USB transfer data to PC
- Dual-core 32 ARM processor for higher efficiency
- 2 measure mode: Single/Continuous
- 2 group model: DIR (direct)/GEN (General)
- 3 probe mode: Auto/Magnetic/Eddy current
- Automatically recognizes the substrate.
- Auto temperature compensation ensures accuracy

To measure non-magnetic coatings (painting, enamel, chrome etc) on steel AND non-conductive coatings (painting, anodizing) on non-ferrus surface (Aluminium,zinc or copper etc).

Specifications		EC-770	EC-770S	EC-770X
Magnetic Induction		√	√	√
Eddy Current Effect		√	√	√
Measurement Range	F	0~2000μm	0~2000μm	External Probe Options: F2.0:0~2000μm F2.5: 0~2500μm F3.0: 0~3000μm F5.0: 0~5000μm Internal Probe Options: F2.5: 0~2500μm F3.0: 0~3000μm F5.0: 0~5000μm
	N	0~2000μm	0~2000μm	External Probe Options: N2.0:0~2000μm N2.5: 0~2500μm N3.0: 0~3000μm Internal Probe Options: N2.5: 0~2500μm N3.0: 0~3000μm
Measurement Accuracy	F	2.5%+1μm	2%+1μm	2%+1μm
	N	2.5%+1.5μm	2%+1μm	2%+1μm
Resolution	0μm~99.9μm	0.1μm	0.1μm	0.1μm
	others	1μm	1μm	1μm
Data Storage		320 Readings	2000 Readings	2000 Readings
Multi-Language		√	√	√
Real-time Data Statistics		√	√	√
CPU		16 Bits MCU	32 Bits ARM	32 Bits ARM
Automatic Temperature Compensation		x	√	√
Reset Zero		√	√	√
Multi-Point Calibration		√	√	√
Measurement Data Grouping		√	√	√
One Key Data Clear (Press to delete)		√	√	√
One Key Group Data Clear (Press and hold to delete)		x	√	√
Multi-Level Battery Indicator		x	√	√
Digital Display		128*128 Dots	128*128 Dots	128*128 Dots
Auto Power Off		√	√	√
USB Interface		√	√	√
Storage Temperature		0°C~60°C		
Operating Temperature		-10°C~60°C		
Power Supply		2 x 1.5V AAA batteries		