



EC-770 / EC-770S



EC-500 / EC-500A



EC-500E



EC-100



EC-500X



EC-500XE



EC-770XE



EC-770X



EC-900

- Up to 1%+1um Accuracy
- Up to 5000um Measurement Range Optional
- Readings Storing, Recall to view, Download to PC
- 128*128 Dots Matrix LCD Display
- Multi-Language Support
- 32 Bits ARM CPU to Improve Operation Performance
- Calibrate Automatically and Easily
- Ultra High cost-effective
- Temperature Compensation Automatically

Model#	Range	Accuracy	Sensor Location	Readings Stored Download	Menu Display	Point Calibration	Application
EC-770	0~2000um	±(2.5%+1um)	Internal	●	●	●	Paint thickness
EC-770S	0~2000um	±(2%+1um)	Internal	●	●	●	Multifunction
EC-770X	0~5000um	±(2%+1um)	External Internal	●	●	●	Wide range, multifunction
EC-900	0~5000um	±(2%+1um)	Separated	●	●	●	Wide range, multifunction
EC-500X	0~500um	±(1%+1um)	External Internal	●	●	●	Electroplating
EC-500	0~1500um	±(2%+1um)	Internal	○	○	○	Multifunction
EC-500A	0~1500um	±(3%+1um)	Internal	○	○	○	Paint thickness
EC-100	0~2000um	±(2%+0.02mm)	Internal	○	○	○	Paint thickness



EC-900 Features and Benefits

- External probe is separated from gauge, replace easily
- 0~5000um measurement range (upon external probe)
- LCD display Mean/Max/Min/Standard deviation
- Up to 5 measurement groups supported
- Support to set alert limit and red backlight indication
- Support zero and multi-point calibration
- Automatically recognizes the substrate
- Support readings stored/recalled/deleted
- Connect with PC via USB to download readings

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

Specifications	Model	EC-900
	Measuring Principle	Magnetic(F),Eddy current(N)
	Measuring Range	Decided by probe
	Accuracy	±(2%+1um)
	Resolution	0~99.9um(0.1um), others(1um)
	Readings Memory	2000 readings
	Power Supply	3pcs 1.5V AAA battery
	Units	um, mm, mils
	Storage Environment	Temperature: -10 to 60°C
	Operation Environment	Temperature: -10 to 50°C
	Dimension	158mm*68mm*34mm
	Weight	170g

Optional Probe	Range	Accuracy	Part NO.
External probe, F and N	0~1500um	±(2%+1um)	0102 2215
External probe, F and N	0~2000um	±(2%+1um)	0102 2220
External probe, F and N	0~2500um	±(2%+1um)	0102 2225
External probe, F and N	0~3000um	±(2%+1um)	0102 2230
External probe, F and N	F: 0~5000um; N: 0~3000um	±(2%+1um)	0102 2250



Probe



Plug and Measure



Whole Set