These gauges can be used for non-destructive coating thickness measurement of non-magnetic coatings, e.g. paint, enamel, chrome on steel, and insulating coatings, e.g. paint and anodizing coatings on non-ferrous metals.

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DIGINDT.IR

FGJ-NDT.IR

【Features and Functions】

• Range 0~5000um, accuracy ±2%±1um

• 128*128dots LCD display

• Menu interface

• LCD can be rotated to be used easily

• Red LED alarm indication

• LCD shows mean, maximum, minimum and standard deviation

• User can set alarm limit

• Readings can be stored, recalled and deleted

• Easy to do zero calibration and support multi-point calibration

• Connect with PC via USB and download readings

• Multi-language supported

• Up to 5 measurement groups supported

• Automatically detect the substrates type(F or N)

• Unit optional: um, mm and mils

【Applications】

Coating thickness testing for car paint, electroplating, surface technology, pipeline anticorrosion coating, mechanical equipment surface anticorrosion, chemical equipment and quality control.

【Specifications and Selection Guide】

Model no.	EC-770	EC-770S	EC-770E (with external probe)	EC-770SE	EC-770X	EC-770XE

Probe type	Fe NFe	Fe NFe	Fe NFe	Fe NFe	Fe NFe	Fe NFe
Principle	Magnetic induction Eddy currents	Magnetic induction Eddy currents	Magnetic induction Eddy currents	Magnetic induction Eddy currents	Magnetic induction Eddy currents	Magnetic induction Eddy currents
Range	0~2000um	0~2000um	0~2000um	0~2000um	0~5000um	See optional probe
Accuracy	±(2.5%+1um)	±(2%+1um)	±(2.5%+1um)	±(2%+1um)	±(2%+1um)	±(2%+1um)
Resolution	0~99.9um(0.1 m), others(1um)	0~99.9um(0.1 m), others(1um)	0~99.9um(0.1 m), others(1um)	0~99.9um(0.1 m), others(1um)	0~99.9um(0.1 m), others(1um)	0~99.9um(0.1 m), others(1um)
Readings memory	320	2000	320	2000	2000	2000