

Coating Thickness Gauges

Dry Film Thickness (DFTG)

Measure non-magnetic and insulating coatings on a ferrous substrate or non-conductive coatings on a non-ferrous substrate

Examples:

- Anodizing
- Chrome
- Enamel
- Galvanizing
- Powder Coating
- Electroplating
- Paint etc.



Model	EC-770	EC-777	OCT200
Probe	Integral Ruby Probe	Integral Ruby Probe with trigger	Separate Ruby Probe with trigger
Type	Ferrous (Magnetic induction) / Non-Ferrous (Eddy currents)		
Range	0 ~ 2000µm		0 ~ 1500µm
Accuracy	±(3%rdg +1µm)	±(2%rdg +1µm)	±(1~2%rdg +1µm)
Resolution	0.1µm (0~99.9) or 1µm (>100)		
Calibration	Zero point and Multi-point Calibration		
Statistics	No. of readings, minimum, maximum, average and standard deviation		
Units	µm, mm, mil		
Curvature	Minimum convex radius: 5mm		Min convex radius: F 1.5mm / NF 3mm
Area	Minimum: 15mm diameter		Minimum: F 7mmØ / NF 5mmØ
Substrate Thickness	F-Probe: 0.5mm (minimum) N-Probe: 0.3mm (minimum)		
Alarm	High / Low limit settings		
Display	Backlit 128 x 128 Dot matrix LCD Rotatable, Red backlight in alarm	Graphic 2.4" Colour LCD, LED status Auto-rotate, Curve, Bar chart or Trend	Graphic 2.4" IPS Colour LCD (240*320 resolution)
Memory	Four Groups, 80 readings per group (Download data via USB as Text file)	Ten Batches, 13 groups in each batch, 10 readings per group (BT and App)	Five Groups, 100 readings per group (Download data via USB & Software)
Power	Two 1.5V AAA Alkaline batteries	Two 1.5V AA Alkaline batteries	
Probe Limits	-10°C ~ +50°C / 20~90% RH (non-condensing)		
Size and Weight	114 x 53 x 25mm 80g (without batteries)	146 x 76 x 32mm 137g (without batteries)	151 x 76 x 38mm 240g (without batteries)
Accessories	Carry case, calibration foils, F + NF zero discs, USB cable, Basic software and manual	Carry case, calibration foils, F + NF zero discs and manual (App download from web)	Carry case, F/NF probe, F + NF zero discs, calibration foils, USB cable, Software with license and manual

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