

# COATING THICKNESS GAUGES



Operating principle		Application			For example			
(F Type) Magnetic induction		Can measure the thickness of non-magnetic coating layers on magnetic substrate			Such as:(aluminum, chrome, copper, enamel,rubber, paint) on magnetic substrate (steel, iron, alloy and magnetic stainless steel)			
(NF type) Eddy current		Can measure the thickness of nonconductive coating layers covered on nonferrous substrate			Such as:(enamel, rubber, paint, vanish, plastic anodic-oxide layer) covered on nonferrous substrate (aluminum, brass, zinc,tin and nonmagnetic stainless steel)			
Specifications	Model	TG-8825 in built probe(s)			TG 8828	TG 8829 (Please specify probe type, in built or separate while ordering)		
		TG-8826 with separate probe(s)				(F & NF)	TG-8829FN	TG-8829N
Operating principle	F Type	TG-8825FN	TG-8825N	TG-8825F	(F & NF)		(F & NF)	(only NF)
	NF Type	TG-8826FN (F & NF)	TG-8826N (only NF)	TG-8826F (only F)				
Measuring range		0~1250um/0~50mil (default range)			0~1250um/0~50mil (default range)			
Resolution		0.1µm/1						
Accuracy		±1~3%n or ±2.5um			±1~3%n or ±2.5um			
Min. radius workpiece		F: Convex 1.5mm/Concave 25mm N: Convex 3mm/Concave 50mm			F: Convex 1.5mm/Concave 25mm N: Convex 3mm/Concave 50mm			
Min. measuring area		6mm						
Min. substrate thickness		0.3mm			0.3mm			
Metric/Imperial		Convertible			Convertible			
Power supply		4×1.5v AAA(UM-4) battery			4×1.5v AAA(UM-4) battery			
Battery indicator		Low battery indicator			Low battery indicator			
Auto switch off								
Dimension		126×65×27mm			124×62×30mm			
Weight (Not including battery)		81g			200g			
Standard delivery	Main unit	1			1			
	F type probe	1		1	1	1	1	
	NF type probe	1	1		1	1		
	F calibration base set	1		1	1		1	
	NF calibration base set	1	1		1	1		
	Calibration foil set	1 set (4 Foils)			1 set (4 Foils)			
	Carrying case	1			1			
	Instruction manual	1			1			
Optional accessories		Cable & software, calibration foil set			Cable & software, calibration foil set			

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