

THICKNESS GAUGE



Model: YT4200-P1 (Integrated iron base coating thickness gauge)

Brief introduction: This gauge is Magnetic portable coating thickness gauge, using Magnetic induction test method, it can quickly, no damage, precisely test the non-magnetic coating thickness of magnetic based material;



Model: YT4200-P7 (Split aluminum base coating thickness gauge)

Brief introduction: Eddy current portable coating thickness gauge can quickly, no damage, precisely test the coating thickness, not only used in lab but also used in engineering scene;



Model: YT4200-P3 (Split iron base coating thickness gauge)

Brief introduction: Eddy current portable coating thickness gauge can quickly, no damage, precisely test the coating thickness;



Model: YT4500-P1 (Integrated dual purpose coating thickness gauge)

Specifications: Double function technique of thickness gauge, magnetic induction and eddy current measurement dynamic transformation application double-function measurement technology, can automatically recognize magnetic or non-magnetic substrate, apply to variety of measurement environment;



Model: YT4200-P5 (Integrated aluminum base coating thickness tester)

Brief Introduction: Eddy current portable coating thickness gauge can quickly, no damage, precisely test the coating thickness;



Model: YT4500-P3 (split dual purpose coating thickness gauge)

Brief Introduction: The instrument is magnetic, eddy current one-body portable cladding thickness gauge, it can quickly, no damage, precisely used in coating thickness measurement; Not only used in laboratory, but also used in engineering scene.

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SPECIFICATION PARAMETER

Model	YT4200-P1	YT4200-P3	YT4200-P5	YT4200-P7	YT4500-P1	YT4500-P3
Name	Integrated iron base coating thickness gauge	Split iron base coating thickness gauge	Integrated aluminum base coating thickness tester	Split aluminum base coating thickness gauge	Integrated dual purpose coating thickness gauge	Split dual purpose coating thickness gauge
Standards compliant	ASTM B499,ASTM D1400,ISO 2178,ISO 2360,ISO 2808,GB/T 4956/4957,JB/T 8393					
Material	Fe		NFe		Fe/NFe	
Structure	Integrated	Split	Integrated	Split	Integrated	Split
Resolution	0.1/1μm					
Measuring range	0-1250μm					
Measurement accuracy	Zero point correction:±(3%H+1)μm;Two-point correction:±(1-3%H+1.5)μm;Note :H is sample thickness					
Minimum measurement size	10×10mm					
Minimum measured thickness	Magnetic: 0.2mm		non-magnetic: 0.05mm		magnetic: 0.2mm	non-magnetic: 0.05mm
Minimum curvature	Radius of convex: 5mm;Radius of concave:10mm					
Display Unit	μm					
Storage	/					
Statistics	/					
Bluetooth	/					
Power supply	2 batteries of No.5 (AA alkaline battery or nickel metal hydride rechargeable battery)					
Size	102×66×24mm					
Weight	99g(including batteries)					
Software	/					
Operating Environment	0-40°C(10-90%RH no condensation)					
Storage Environment	-10-50°C					
Standard Accessories	1 base body (iron base),wristbands, calibration board		1 base body (aluminum base), wristbands, calibration board		2 base bodies (aluminum base and iron base), wristbands, calibration board	
Optional Accessories	Calibration board(12μm,25μm)					

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