

Function

- ▶ Thickness measurement of non-magnetic coating on the surface of magnetic metal substrate.
- ▶ Thickness measurement of the non-metallic coating on the surface of the non-magnetic metal substrate.
- ▶ Automatic identification function of magnetic metal substrate and non-magnetic metal substrate.
- ▶ Three measurement methods: single continuous, and difference.
- ▶ With zero point, offset, and basic three calibration functions.
- ▶ Metric and Imperial unit selection.
- ▶ LCD backlight function.
- ▶ Automatic shutdown function

Specification

Measurement range	0 ~ 1800μm/70.8mil/1.8mm	
Resolution	(0.1μm(<100μm), 1μm(≥100μm))/0.1mil/0.001mm	
Measurement error	≤150μm	±5μm
	>150μm	±(3%H+1μm)
Minimum diameter of magnetic metal substrate	12mm	
Minimum thickness of magnetic metal substrate	0.5mm	
Minimum radius of curvature for magnetic convex substrate	2mm	
Minimum radius of curvature for magnetic concave substrate	11mm	
Minimum diameter of non-magnetic metal substrate	50mm	
Minimum thickness of non-magnetic metal substrate	0.5mm	
Operating temperature	-20~+40°C	
Operating humidity	10 95%RH	
Size	62*27*121.5mm	
Weight	105.03g	
battery	1.5V AAA alkaline battery*2	

Function

- ▶ Menu operation and color-screen HD display
- ▶ Metric/imperial unit and storage function
- ▶ Automatic shutdown
- ▶ Voice broadcast
- ▶ Basic calibration and Zero-point calibration available
- ▶ Screen rotation, charge protection, multi-interface displays, screen brightness selection
- ▶ Two measurement methods: single measurement, continuous measurement
- ▶ Thickness measurement of non-magnetic coating on magnetic metal substrate surface and non-metallic coating on non-magnetic metal substrate

Specification

	GT230	GT231
Measurement range	0 ~ 1300μm/51mil	0 ~ 1800μm/70.8mil
Resolution	(0.1μm(<100μm), 1μm(≥100μm))/0.1mil	
Measurement error	≤150μm	±5μm
	>150μm	±(3%H+1μm)
Minimum diameter of magnetic metal substrate	12mm	
Minimum thickness of magnetic metal substrate	0.5mm	
Minimum radius of curvature for magnetic convex substrate	2mm	
Minimum radius of curvature for magnetic concave substrate	11mm	
Minimum diameter of non-magnetic metal substrate	50mm	
Minimum thickness of non-magnetic metal substrate	0.5mm	
Working voltage	DC 3.7V (Lithium battery capacity 1000mAh)	
Number of data storage	Max. 1500 pens	
Weight	52.9*26*117mm	
Size	102.4g(including battery)	

Application



Petrochemical industry



Manufacturing



Commodity inspection



Ironmaking industry



Spray paint



Aluminum base



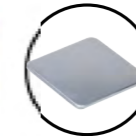
Iron base



Calibration sheet



USB cable



Aluminum base



Iron base



Calibration sheet



USB charging interface

☑ GT230
☑ GT231

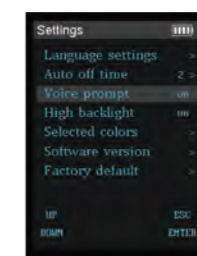
Multiple interface display



Measure past value page



Measurement trend page



Settings page



Measurement statistics page

Application



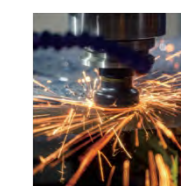
Petrochemical industry



Manufacturing



Commodity inspection



Ironmaking industry