

Tempered Glass Detector SG980

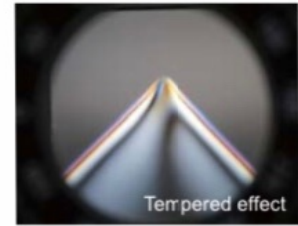
SG980 is a patent product used to verify the glass is tempered or not.

Measurable of single and large pane curtain wall

Compact structure, easy to carry
Built-in rechargeable lithium battery



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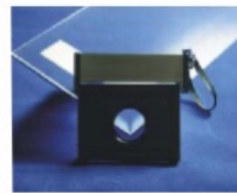
As a patent product, this tempered glass detector is used to verify if the glass has been tempered. It could make qualitative detection on stress and show edge stress distribution. It is suitable for glass processing industry and construction site.



Transmission detection
on edge



Separable
transmission detection



Folded reflection
detection



Plane reflection
detection

Parameters

Item	Parameter
Measurable Thickness	50mm
Continuous Lighting Time	45 minutes
Light Source Brightness	superior to 8500cd/m ²
Light Source Lifespan	6000 hours
Dimensions	120mm × 75mm × 45mm
Weight	450g

Remark: Aoptek reserve the right to modify the information, the actual instrument & manual be as final.

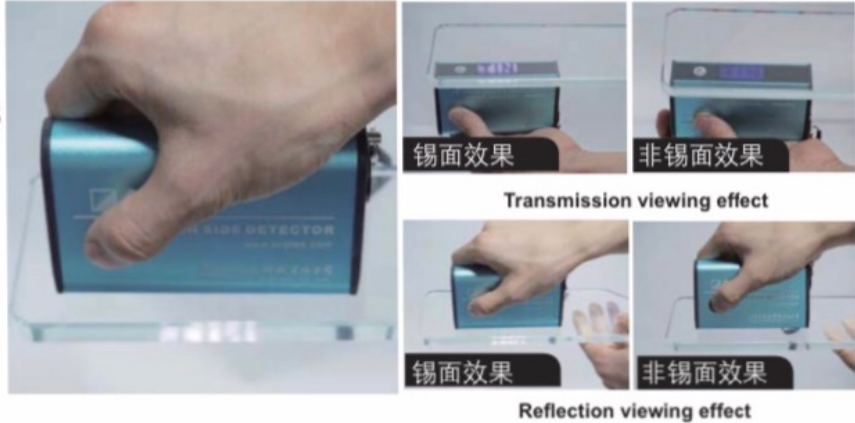
Tin Side Detector

TS580

Portable meter with many invention patents.
Meet Standard: CE, ROHS.

Innovative patent product
Own multinational patents

“TIN” indication, easy to detect



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TS570 is used for identifying the tin side of float glass. Creative image with text indicator and light filtering technology ensures extraordinary effect. With built-in rechargeable lithium battery, compact and portable features, it is widely applied in glass deep processing industry for tin side identification. There are three using methods, transmission viewing method, reflection viewing method and edge viewing method, it is easy to operate and observe.

PCT Global Patent:

【Russia】RU 2497103 C2 【Korea】10-1303261 【U·S·A】US 8,729,504 B2
Design patent: ZL201030161198.4
Patent for utility models: ZL201020182123.9

Parameters

Item	Parameter
Working Mode	Handheld measurement
Detection	5V1A DC 110V ~ 220V AC input (lithium battery)
Power Supply	3000 hours
Dimensions	116mm × 70mm × 26mm
Packing Size	153mm × 127mm × 51mm
Weight	208g (with battery)

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Glass Thickness Gauge

GlassMeter100

Self-developed portable meter for measuring IG thickness.

Simple Operation, fast measuring speed

Colorful LCD for easy reading

Sturdy & Durable

Economic meter



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GlassMeter100 can measure the thickness of single pane, insulating glass (including glass thickness, air space and overall IG thickness). It is an ingenious meter, which measure fast and can deduct ambient light automatically. Particularly, it is suitable for measuring installed glass, glazing glass in field. Users can operate this meter easily, and can conveniently find, read historical data records. Measuring data can be easily exported to the computer via a serial port or wireless for latter data processing.

Functions:

- Measure thickness of architectural flat glass,
- Measure glass thickness, air space of double and triple glazing.

Parameters

Item	Parameter	Item	Parameter
Dimensions	160mm × 73mm × 37mm	Weight	400g
Measurable Range	2 ~ 70mm Glass	Charging time	5 hours
Working time	10h continuing work on a single		
Measurable IG range	6+16A+6+16A+6		
Max deviation	±0.05mm, Thickness≤10mm		
	±0.1mm, 10mm<Thickness≤20mm		
	±0.2mm, 20mm<Thickness≤40mm		
	±0.3mm, Thickness>40mm		
	Can not measure the patterned glass, glazed glass, frosted glass and other glass with scattering characteristics.		

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Emissometer for Insulating Glass

GlassMeter800

A multi-functional instrument for measuring emittance, Low-E location and thickness of insulating glass.

Multi-functions in one

Measure thickness

Low-E side

Emittance

Measure fast, Portable



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GlassMeter800 can measure thickness of single pane and insulating glass (including glass thickness, air space and overall IG thickness), as well as identify Low-E location and measure emittance. It is a compact meter, which measure fast and can deduct ambient light automatically. Particularly, it is suitable for measuring installed glass, glazing glass in field.

Functions:

Measure thickness of single pane,

Measure glass thickness, air space of double and triple glazing,

Identify Low-E location of single pane, double and triple glazing,

Measure emittance of single pane, double and triple glazing.

Parameters

Item	parameter	Item	parameter
Dementions	240mm × 135mm × 50mm	Weight	800g
Measurable side	Glass side, Low-E side	Measurable max thickness IG	6+16A+6+16A+6
Charing time	5h	Measuring time	10h
Working temperature	0~40 °C	Working condition	<90%Relative humidity
Max deviation	Thickness	±0.05mm, Thickness ≤ 10mm	
		±0.1mm, 10mm < Thickness ≤ 20mm	
		±0.2mm, 20mm < Thickness ≤ 40mm	
		±0.3mm, Thickness > 40mm	
	Emittance	±0.01mm	
Restriction	Can not measure the patterned glass, glazed glass, frosted glass and other glass with scattering characteristics. Avoid direct sunlight to the laser window when measuring.		

Remark: 1.If you want to know more information about GlassMeter800, please visit the website www.aoptek.com.

2.Aoptek reserve the right to modify the information, the actual instrument & manual be as final.