

Color and Haze Meter

It is designed for plastic, films, glass, LCD panel, touch screen other transparent and semi-transparent materials color, haze and transmittance measurement.



CS-700

Product Features

- Conform to ASTM D 1003, ISO 13468, ISO 14782 GB/T 2410 standards.



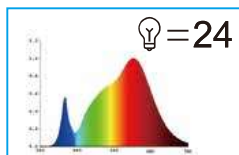
- Three kinds of light sources A, C and D65 for haze and total transmittance measurement



- The most cost effective product, Lower cost than similar products.



- 24 kinds of illuminants for transmittance color measurement



- Spectral haze measurement obtains more than 20 kinds of measurement data such as color, haze, transmittance, yellowness and whiteness in one measurement



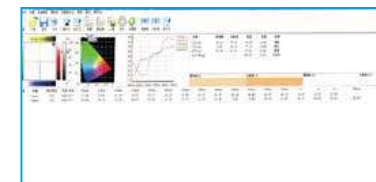
- Unique signal processing technology to ensure measurement results will not be affected by environment light.



- Flexible fixtures for different sample measurement



- Free Haze QC Software



- It can realize both vertical and horizontal measurement to measure different kinds of materials.



- No need to do warm-up, after instrument is calibrated, it can be used.

- One year warranty

Technical Data

Model	Haze Meter CS-700	Haze Repeatability	Haze < 10%, Repeatability ≤0.05%; Haze ≥10%, Repeatability ≤0.1%; Transmittance Repeatability ≤0.1%
Light Source	Tungsten Halogen Lamp	Sample Size	Thickness ≤145mm
Illuminants	CIE-A, CIE-C, CIE-D65	Display	5 inch TFT LCD screen
Standards	ASTM D1003/D1044, ISO 13468/ISO 14782, JIS K 7105, JIS K 7361, JIS K 7136, GB/T 2410-2008, JJF 1303-2011	Data Storage	20000 pcs of samples
Parameters	HAZE, Transmittance Curve and Value(T)	Interface	USB
Spectral Response	CIE Luminosity function Y/V(λ)	Power	110-240V
Wavelength	400-700nm	Working Temperature	10~40 C, relative humidity 80% or below(at 35°C),no condensation
Wavelength Interval	10nm	Storage Temperature	10~40 C, relative humidity 80% or below(at 35°C),no condensation
Geometry	0/d	Size	598mm X 247mm X 366mm (L x W x H)
Illumination and Test Aperture Size	16.5mm/21mm	Instrument Weight	12kgs
Measurement Range	0-100%	Standard Accessory	PC software (Haze QC)
Haze Resolution	0.01Unit	Optional	Measurement Fixture, Haze Standard Film, Custom Made Aperture

Clarity and Haze Meter

It is designed for plastic, films, glass, LCD panel, touch screen other transparent and semi-transparent materials clarity, color, haze and transmittance measurement.



CS-720

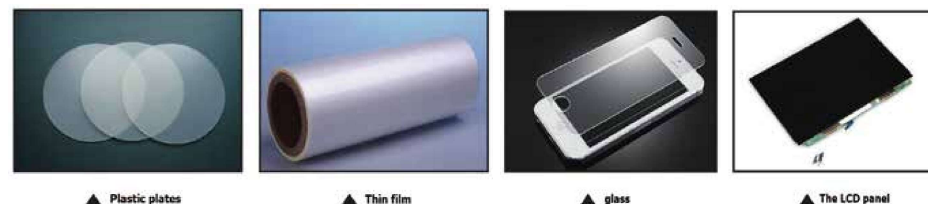
Instrument Introduction

1. Different measurement parameters and professional clarity measurement function
2. Comprehensive Transmission Color Parameters
3. Comply with ASTM and ISO standards
4. Different Light Sources for Different Measurement Standards
5. Compensation Measurement to Make Test Result More Accurate
6. Haze QC software as Standard Accessory
7. Seven-inch Android Touch Screen for Better User Experience
8. Open Sample Measurement Area, Sample can be Measured Horizontally or Vertically
9. Abundant Measurement Fixtures

Packing List



Application



▲ Plastic plates

▲ Thin film

▲ glass

▲ The LCD panel

Technical Parameters

Model	Color and Haze Meter CS-720	Spectral Response	CIE Luminosity function YV(λ)	
Light Source	Tungsten Halogen Lamp	Wavelength	400-700nm	
Illuminants	CIE-A,CIE-C,CIE-D65	Wavelength Interval	10nm	
	Chromaticity Value: A,C,D50,D55,D65,D75, F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12, CMFU30,DLF,NBF,TL83,TL84	Geometry	0/d	
		Illumination and Test Aperture Size	16.5mm/21mm	
Standards	ASTM D1003/D1044,ISO13468/ISO14782, JIS K 7105,JIS K 7361,JIS K 7136,CIE No.15,ISO 7724/1,ASTM E1164,DIN 5033 Teil7,JIS Z8722 Condition C standard, GB/T 2410-2008	Measurement Range	0-100%	
		Haze Resolution	0,01Unit	
Parameters	HAZE, Transmittance Curve and Value (T), Clarity(C%),CIE Lab,LCh,CIE Luv,XYZ,Yxy, Transmittance spectrum,Hunter Lab Munsell MLCMYK,WI (ASTM E313-00,ASTME 313-73,CIE/ISO,Hunter,Taube Berger Stensby),YI(ASTM D1925,ASTM E313-00, ASTM E313-73),Tint(ASTM E313-00), Metamerism Index Milm,APHA, Pt-Co, Gardner, Color Difference(ΔE*ab, ΔE*CH,ΔE*uv,ΔE*cmc(2:1), ΔE*cmc(1:1),ΔE*94,ΔE*00)	Haze Repeatability	Haze < 10%, Repeatability ≤0,05%;Haze≥10%, Repeatability ≤0,1%; Transmittance Repeatability ≤0,1%	
		Sample Size	Thickness ≤145mm	
		Display	5 inch TFT LCD screen	
		Data Storage	20000 pcs of samples	
		Interface	USB	
	Power	110-240V	Working Temperature	0-45 °C , relative humidity 80% or below(at 35°C),no condensation
		Storage Temperature	-25-55 °C , relative humidity 80% or below(at 35°C),no condensation	
		Size	598mm X 247mm X 366mm (L x W x H)	
		Instrument Weight	12kgs	
		Standard Accessory	PC software (Haze QC)	
		Optional	Measurement Fixture, Haze Standard Film,Custom Made Aperture	