

Color and Haze Meter



CS-700

Product Features

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

Technical Data

Type	CS-700
Light Source	Haze / Transmittance: CIE-A,CIE-C,CIE-D65 Chromaticity index: A,C,D50,D55,D65,D75,F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12,CMF,U30,DLF,NBF,TL83,TL84
Standards	ASTM D1003/D1044,ISO13468/ISO14782 JIS K 7105,JIS K 7361,JIS K 7136,GB/T 2410-08,CIE No.15, ISO 7724/1,ASTM E1164,DIN 5033,Teil7,JIS Z8722,Condition c standard
Parameters	Haze (HAZE),Transmittance (T),Spectral transmittance,CIE Lab, LCh, CIE Luv, XYZ, Yxy, , Hunter Lab Munsell MI,CMYK,Whiteness WI(ASTM E313-00,ASTM E313-73, CIE/ISO, Hunter, Taube Berger Stensby),Yellow Index YI(ASTM D1925, ASTM E313-00, ASTM E313-73), Tint(ASTM E313-00), Heterochromatic index Milim, APHA, Pt-Co(Index of platinum cobalt), Gardner, Color difference ($\Delta E^*ab,\Delta E^*CH,\Delta E^*uv,\Delta E^*cmc(2:1),\Delta E^*cmc(1:1),\Delta E^*94,\Delta E^*00$)
Spectral Response	CIE The spectrum functionY/V(λ)
Wavelength	400-700nm
Wavelength Interval	10nm
Geometry	0/d
Measurement Area Sample Port	16.5mm/21mm
Measurement Range	0-100%
Haze Resolution	0.01%
Haze Repeatability	Haze < 10%, Repeatability \leq 0.05;Haze \geq 10%, Repeatability \leq 0.1%;Transmittance \leq 0.1%
Sample Size	Thickness \leq 145mm
Display	7 Inches Touch Screen
Memory	Mass storage
Interface	USB-A,USB-B
Power	220V (with power cable)
Working Temperature	5~40°C, Relative humidity 80% or below (at 35 ° C), no condensation
Storage Temperature	-20°C~45°C, Relative humidity 80% or below (at 35 ° C), no condensation
Size Weight	length X width X height: 598mmX247mmX366mm 12kg
Standard Accessory	PC management software(Haze QC)
Optional	Measurement Fixture, Haze standard film