



HAZE METER - TORONHAZE™

The Haze Meter - ToronHaze™ is designed for precise color measurement, haze measurements, and transmittance analysis of plastics, films, glass, LCD panels, touch screens, and other transparent and semi-transparent materials.

With an open measuring area, it accommodates a variety of sample sizes and shapes, allowing for flexible testing both vertically and horizontally. Utilizing incident light, this advanced meter ensures accurate and reliable results.



APPLICATIONS

ToronHaze-720 Haze and Color Meter for plastics, films, glass, and LCD panels

HAZE AND COLOR METER - ToronHaze™ -720

- All-in-one measurement of color, haze, and spectral transmittance.
- Calculates total transmittance for transparent and translucent samples.
- Ideal for plastic, film, glass, LCD panels, and touch screen materials.

ToronHaze-720 Haze and Clarity Meter with clarity and transmittance measurement

HAZE AND CLARITY METER - TORONHAZE™ -720

- Measures clarity along with color, haze, and spectral transmittance.
- Provides total transmittance results for transparent and translucent samples.
- Suitable for plastics, films, glass, LCD panels, and touch screens.

FEATURES

Features of Haze Meter - ToronHaze™

- Various measurement parameters and professional clarity measurement function
- Comprehensive transmission color parameters
- Complies with ASTM and ISO standards
- Different light sources for different measurement standards
- Compensation measurement for more accurate test results
- Haze QC software included as a standard accessory
- Seven-inch Android touch screen for better user experience
- Open sample measurement area, allowing samples to be measured horizontally or vertically
- Abundant measurement fixtures

TECHNICAL SPECIFICATIONS

Specification of Haze Meter

Type	ToronHaze™-700	ToronHaze™-720
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, CIE No.15, ISO 7724/1, ASTM E1164, DIN 5033, Teil7, JIS Z8722, Condition C	
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,ISO2470/ R457, Hunter, Taube Berger Stensby), Yellow Index YI(ASTM D1925, ASTM E313-00, ASTM E313-73), Tint(ASTM E313-00), Heterochromatic index Milm, APHA, Pt-Co(Index of platinum cobalt), Gardner, Color difference (AE*ab, AE*CH,AE*uv,AE* cmc(2:1), AE*cmc(1:1),AE*94,AE*00)	Haze (HAZE), Transmittance (T), Spectral transmittance, Clarity CIE Lab, LCh, CIE Luv, XYZ, Yxy, Hunter Lab Munsell MI,CMYK, Whiteness WI(ASTM E313-00,ASTM E313-73, CIE,ISO2470/ R457, Hunter, Taube Berger Stensby), Yellow Index YI(ASTM D1925, ASTM E313-00, ASTM E313-73), Tint(ASTM E313-00), Heterochromatic index Milm, APHA, Pt-Co(Index of platinum cobalt), Gardner, Color difference (AE*ab, AE*CH,AE*uv,^E* cmc(2:1), AE*cmc(1:1), AE*94,AE*00)

Spectral Response	CIE The spectrum function $Y/V(\lambda)$	
Wavelength	400-700nm	
Wavelength Interval	10nm	
Geometry	0/d	
Measurement Area Sample Port	16.5mm/21mm	18mm/25.4mm
Measurement Range	0-100%	
Haze Resolution	0.01%	
Haze Repeatability	Haze < 10%, Repeatability ≤ 0.05 ; Haze $\geq 10\%$, Repeatability $\leq 0.1\%$; Transmittance $\leq 0.1\%$	
Sample Size	Thickness $\leq 145\text{mm}$	
Display	7 Inches Touch Screen	
Memory	Mass storage	
Interface	USB-A, USB-B	
Power	220V (with power cable), (110V is also available)	
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	
Dimension L x W x H	598mm x 247mm x 366mm	

Weight	12kg
Standard Accessory	PC management software (Haze QC)
Optional	Measurement Fixture, Haze standard film
Sphere Diameter	154mm



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