Color and Haze Meter FM-HM-A101



Description :

Color & Haze Meter FM-HM-A101 is used for color, haze and transmittance measurement. With open measurement area, there is no limit on sample size, performs both vertical and horizontal measurements. Different light source like A, C, D65 are used to measure color, haze, transmittance of the test sample. Designed in accordance with ASTM, ISO international standards to meet the customers' needs.

Specifications :

Light source	CIE-A,CIE-C,CIE-D65 Chromaticity Value: A,C,D50,D55,D65,D75,F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12,CMF,U30,DLF,NBF,T
Standards	ASTM D1003/D1044, ISO13468/ISO14782, CIE No.15, ISO 7724/1, ASTM E1164
Parameters	HAZE, Transmittance(T), Spectral Transmittance, Whiteness Index (ASTM E313-00,ASTM E313-73, CIE/ISO AATCC, Hunter, Taube Berger Stensby) Yellowness Index (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)
Spectral response	CIE Luminosity function Y/V (λ)
Wavelength	400 to 700 nm
Wavelength interval	10 nm
Geometry	0/d
Measurement area/sample port	16.5 mm/ 21 mm
Measurement range	0 to 100 %
Haze resolution	0.01

Haze responsibility	≤ 0.1
Sample size	Thickness ≤ 150 mm
Display	5.0 inch TFT LCD screen
Memory	20000 value
Interface	USB
Power	220 V with power cable
Working temperature	0 to 45°C
Storage temperature	-25 to 50°C
Dimension (L×W×H)	598×247×366 mm
Packaging dimension (L×W×H)	700×340×560 mm
Weight	15.5 kg

Features :

- 5 inch TFT LCD screen
- Open measurement area, no limit on sample size
- Three types of light source A, C, D65
- Equipped with software for haze and transmittance
- Powerful color measurement function with different measurement indexes
- 03 seconds measurement time
- No need of warm up
- Measures liquid as well as sheet material
- Parameters tested: - Color, Haze, Transmittance, Yellowness Index, and Whiteness Index
- Confirms to ASTM & ISO haze measurement standards

Applications:

Used in color, haze and transmittance measurement of anti-glare plastic sheets, films, glass, LCD panel screens used for TV screen, car navigation screen, computer screen, mobile phone cover and other transparent, semi-transparent material color.

Accessories:

Accessories no.	Name
1	Power adapter
2	USB cable
3	PC software
4	Haze standard plate

Accessories Optional:

Accessories No.	Name
1	Measurement fixtures
2	Haze standard film

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