

HAZE METER MET103-700A



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The amount of light that is diffused or scattered through the transparent material is measured by the Haze meter.

MET103-700A HAZE METER

Double standard ISO & ASTM

Easy to operate, faster and more accurate measurement

Dynamic measurement

With compensation port, so that the measurement data more accurate

Easy to measure and widely applicable to samples

Quality control software



SPECIFICATIONS

Model	MET103-700A
Optical Geometry	Transmittance:0/D Parallel light illumination, diffuse reflection reception
Features	Double caliber compensation port
Standards compliant	ASTM D1003/1044, ISO 14782,GB/T 2410, JF 1303-2011,CIE 15.2,JIS K7105,JIS K7361,JIS K 7136
Integrating Sphere Size	Φ 40mm
Illuminant	D65,A,C
Spectral mode	/
Sensor	The PD array detector, satisfies CIE V(λ)2 degree visual response
Measurement Wavelength range	/
Wavelength Pitch	/
Semi-bandwidth	/
Measuring range of transmittance	0~100%
Measurement Aperture	Φ20mm/Φ8mm double caliber
Sample thickness	less than 170 mm
color space	/
Color Difference Formula	/
Other Colorimetric data	Haze(ASTM D1003/1044, ISO 13468),Transmittance T(ASTM)
Observer	2°
Displayed Data	Pass/fail result
Measurement Time	About 1.5s
Measurement accuracy	0.01
Repeatability	Φ20mm,within 0.05 (After the instrument is preheated and calibrated, the standard deviation between the standard haze tablet and the reference value is tested at an interval of 5s.)
Inter-instrument agreement	Φ20mm,with 0.4 (After the instrument is warmed up and corrected, the standard deviation of the haze standard Haze film and the reference value is tested at an interval of 5s.)
Operating Environment	0~40°C (32~104°F)
Storage Environment	-20~50°C (-4~122°F)
Battery Performance	DC 24V, 3A power adapter

Lamp life	5 years, more than 30000000 times measurement
Display	7 inch TFT capacity, Touchscreen display
Interface	USB, printing port
Data Storage	Standard 1000 pcs,sample 20000 pcs
Language	Chinese, English, traditional Chinese
Standard Accessories	Power Adapter, User Guide,Quality Management Software (download from the official website),USB cable,0% calibration box, measuring caliber
Optional Accessory	Mini-printer,Test fixture, standard haze sheet, foot switch
Dimension	290x211x511 mm
Weight	About 7.6 kg



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