

KASON-HM110 Haze Meter



Note: The picture is for reference only

I. Product Features

Complies with both ASTM and ISO test standards.

Meets the following test standards: GB/T 2410, ASTM D1003/1044, ISO 13468/14782, with third-party calibration report included.

No warm-up required; ready to test immediately, results in 1.5 seconds. Supports haze and total transmittance measurement under three standard light sources: CIE-A, CIE-C, CIE-D65.

Equipped with two measuring apertures: 21mm and 7mm.

7-inch capacitive touch screen, Android operating system.

Open measuring area for testing samples of any size.

Dual measuring modes: vertical and horizontal, suitable for sheets, films, liquids and other samples.

Long-life LED light source, no replacement needed for ten years.

II. Performance Parameters

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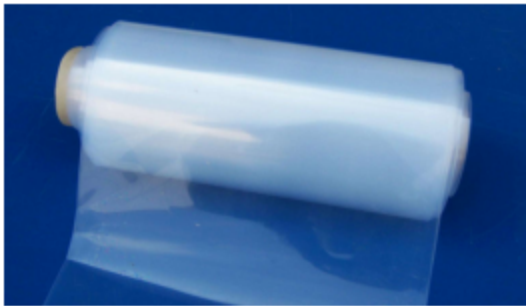
Item	Specification
Model	HST-HM110
Features	Easily measures haze (ASTM D1003/D1044, ISO 13468/14782) and light transmittance under dual standards. Open measuring area, vertical/horizontal testing. Widely used for transmittance and haze detection in glass processing, plastics processing, films, display screen manufacturing, packaging and other industries.
Light Source	D65, A, C
Compliance Standards	ASTM D1003/D1044, ISO 13468/14782, GB/T 2410, JJF 1303-2011, CIE 15.2, GB/T 3978, ASTM E308, JIS K7105, JIS K7361, JIS K 7136
Measuring Parameters	Haze (HAZE) and Transmittance (T) under ASTM & ISO dual standards
Measuring Aperture	21mm, 7mm
Screen	7-inch full-color touch screen, Android OS
Haze Repeatability	Φ21mm aperture: within 0.05 (standard deviation of 30 tests on a 40% haze standard plate at 5-second intervals)
Transmittance Repeatability	≤0.1 unit
Optical Path	Transmission: 0/D (parallel light illumination, diffuse reflection reception)
Integrating Sphere	Φ154mm
Light Source	Full-spectrum LED (400~700nm)
Measuring Range	0–100%
Haze Resolution	0.01 unit
Transmittance Resolution	0.01 unit
Sample Size	Unlimited, open space
Data Storage	Mass storage
Interface	USB
Power Supply	DC 12V
Operating Temperature	+10 – 40 °C (+50 – 104 °F)
Storage Temperature	0 – 50 °C (+32 – 122 °F)
Dimensions	L×W×H: 310mm×215mm×540mm

III. Product Applications

Mobile phone cover glass



Tempered glass film



Film



Glass

FOCUS IN MATERIAL TEST

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