

# Haze Meters

Models: H-09, H-100, H-110



## Innovative Solutions for Measuring Haze and Transparency

The H-09/100/110 Transmittance Haze Meters conform to both ISO and ASTM standards and are equipped with dual apertures of 21mm and 7mm. These instruments offer a comprehensive solution for assessing haze and transmittance across a variety of transparent and translucent materials, including plastics, films, glass, LCD panels, and touch screens.

- Supports American ASTM and international ISO standards, including GB/T 2410, ASTM D1003, ISO 13468, and ISO 14782.
- Measures haze and total transmittance using standard illumination sources CIE-A, CIE-C, and CIE-D65.
- Unaffected by external ambient light.
- Features a 7-inch touchscreen and a responsive Android operating system.
- Versatile measurement area that can accommodate samples of any size.
- The device offers flexible orientation, allowing for both horizontal and vertical placement on the tabletop, accommodating various testing scenarios.
- Long-lasting LED light source: Requires no replacement for ten years.
- Professional Haze QC Software for comprehensive data recording and analysis.
- Three-year warranty with comprehensive coverage.
- Offers exceptional value for money, making it one of the most cost-effective haze meters on the market.

## Specifications

Model	Haze meter H-09	Haze meter H-100	Haze meter H-110
<b>Illuminants</b>	CIE-A, CIE-C	CIE-A,CIE-C,CIE-D65	
<b>Standards</b>	ASTM D1003/D1044, ISO13468/ISO14782,JIS K 7105,JIS K 7361,JIS K 7136,GB/T 2410-08		
<b>Measurement parameters</b>	ASTM (HAZE), Transmittance(T)	ASTM and ISO (HAZE) & Transmittance (T)	
<b>Spectral response</b>	CIE luminosity function Y/V( $\lambda$ )		
<b>Geometry</b>	0°/diffus		
<b>illumination and aperture area</b>	21mm	21mm	21mm/7mm
<b>Illumination and aperture area</b>	0.83in	0.83in	0.83in/0.28in
<b>Measurement range</b>	0-100%		
<b>Resolution</b>	0.01%		
<b>Haze Repeatability</b>	≤0.1	≤0.08	≤0.05
<b>Transmittance Repeatability</b>	≤0.1 unit		
<b>Wavelength range</b>	400-700nm		
<b>Sample size</b>	Thickness≤145mm		
<b>Memory</b>	10,000 readings	20,000 readings	Mass memory
<b>Interface</b>	USB		
<b>Languages</b>	English, French, German, Italian, Spanish, Chinese, Japanese, Russian.		
<b>Instrument Screen</b>	5 inches	5 inches	7 inches
<b>Power supply</b>	DC12V (110-240V)		
<b>Operating temperature</b>	5°C - 40 °C, 41 - 104 °F		
<b>Storing temperature</b>	-20 - 45 °C, -4 - 113 °F		
<b>Dimensions: L x W x H</b>	31 x 21.5 x 54 cm, 12.20 x 8.46 x 21.26 in		
<b>Weight</b>	6 kg, 13.23 lb		
<b>Standard</b>	PC management software		
<b>Optional</b>	Measuring fixtures, haze standard pieces, customized caliber plates.		