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- [LED Test Instruments >](#)
- [CFL Testing Instruments >](#)
- [Photometer and Colorimeter >](#)
- [EMI and EMC Test Systems >](#)
- [Electronic Ballast Tester >](#)
- [Electrical Safety Tester >](#)
- [Environmental Test Chamber >](#)
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- [AC and DC Power Supply >](#)
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Automotive Electronics Test Solutions



Haze Meter  
Product No: HM-100

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3

Description

HM-100 Haze Meter is designed for plastic sheets, films, glasses, LCD panel, touch screen and other transparent and semi-transparent materials haze and transmittance measurement. Our haze meter does not need warm-up during test which saves customer’ s time. Instrument conforms to ISO, ASTM, JIS, DIN and other international standards to meet all customers’ measurement requirement.

Specifications:

- It conforms to international standards ASTM D 1003,ISO 13468,ISO 14782, JIS K 7361 and JIS K 7136.
- Three kinds of light sources A, C and D65 for haze and total transmittance measurement.
- It can realize transmittance compensation measurement which can provide higher accuracy test result.
- Open measurement area, no limit on sample size.
- Instrument is with 5.0 inches TFT display screen with good human-computer interface.
- It can realize both horizontal and vertical measurement to measure different kinds of materials.
- It adopts LED light source whose lifetime can reach 10 years.
- No need to do warm-up, after instrument is calibrated, it can be used. And measurement time is only 3 seconds.
- Small size and light weight which makes it much easier to carry.

Technical Data:

Type	Haze Meter TH-100
Light Source	CIE-A,CIE-C,CIE-D65
Standards	ASTM D1003/D1044,ISO13468/ISO14782, JIS K 7361/ JIS K 7136, GB/T 2410-08
Parameters	HAZE, Transmittance(T)
Spectral Response	CIE Luminosity function Y/V (λ)
Geometry	0/d
Measurement Area/ Aperture Size	16.5mm/21mm
Measurement Range	0-100%
Haze Resolution	0.01
Haze Repeatability	≤0.1
Sample Size	Thickness ≤145mm
Memory	20000 value
Interface	USB
Power	DC24V
Working Temperature	10-40 °C (+50 – 104 °F)
Storage Temperature	-20-50°C (+32 – 122 °F)
Size (LxWxH)	310mm X 215mm X 540mm
Standard Accessory	Free PC software (Haze QC), one pcs of haze standard plate
Optional	Fixtures

Application:

Plastic sheet, film, glass, screen, etc.

