

Haze Meter CPTH-100



It 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.

Part 1. Instrument Advantages

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

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Part 2. Application



Plastic Sheet



Film



Glass



Screen

Part 3. Technical Data

Type	Haze Meter CPTH-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 ≤ 150 mm
Memory	20000 value
Interface	USB
Power	DC24V
Working Temperature	10-40 °C (+50 – 104 °F)
Storage Temperature	0-50°C(+32 – 122 °F)
Size (LxWxH)	310mm X 215mm X 540mm
Standard Accessory	Cap for Zero Calibration,Manual, Power Adaptor,Cable
Optional	Fixtures, Cell for Liquid, Aperture, Software etc

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