Haze Meter

TH-09/100　　　TH-110

TH-09/TH-100/TH-110

Product Features

- 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.
- Open measurement area, no limit on sample size.
- Unique signal processing technology to ensure the test result is not affected by external light.
- 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.
- Accessories can be placed in drawer for better user experience.
- 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.

Optional Accessories
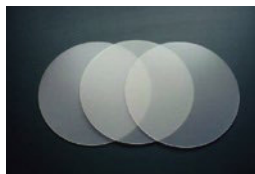

▲ Haze Standards　　▲ Custom Made Apertures　　▲ Soft Film Fixture　　▲ Liquid/ Sheet Material Fixture

Application

▲ Plastic Sheet　　▲ Film　　▲ Glass　　▲ Screen

Technical Data

Model	TH-09	TH-100	TH-110
Light Source	LED		
Illuminants	CIE-A,CIE-C	CIE-A,CIE-C,CIE-D65	
Standards	ASTM D1003/D1044,ISO13468/ISO14782,JIS K 7105,JIS K 7361,JIS K 7136, GB/T 2410-08,JJF 1301-2011		
Parameters	HAZE, Transmittance(T)		
Spectral Response	CIE Luminosity function Y/V (λ)		
Geometry	0/d		
Tset Aperture Size	21mm	21mm	21mm/7mm
Measurement Range	0-100%		
Haze Resolution	0.01unit		
Transmittance Resolution	0.01unit		
Haze Repeatability	0.1	0.08	0.05
Transmittance Repeatability	0.1unit		
Sample Size	Thickness ≤145mm		
Memory	10000 value	20000 value	Mass storage
Interface	USB		
Power	DC12V		
Working Temperature	5-40 ℃ (40– 104 °F)		
Storage Temperature	-20-45 ℃ (-4-113F)		
Size (LxWxH)	310mm X 215mm X 540mm		
Instrument Weight	6kgs		
Standard Accessory	Free PC software (Haze QC)		
Screen size	5 inches	5 inches	7 inches
Sphere Diameter	154mm		