

HST-TH Series Haze Meter



Picture is for reference only

Instrument Advantages

- 1). It conforms to international standards GB/T 2410, ASTM D1003/D1044 and with a calibration certification from a third party laboratory.
- 2). No need to do warm-up, after instrument is calibrated, it can be used. And measurement time is only 1.5 seconds.
- 3). Three kinds of illuminants A,C and D65 for haze and total transmittance measurement.
- 4). 21mm test aperture.
- 5). Open measurement area, no limit on sample size.
- 6). It can realize both horizontal and vertical measurement to measure different kinds of materials such as sheets, film, liquid, etc.
- 7). It adopts LED light source whose lifetime can reach 10 years.

Standard:

GB/T 2410,ASTM D1003/D1044, ISO13468/ISO14782,

Technical Data

Model	HST-TH09	HST-TH100	HST-TH110
Characteristic	The instrument can easily realize ASTM standard fog measurement (ASTM D1003/D1044), transmittance measurement.	To measure instrument can easily implement under the double standard fog (ASTM D1003 / D1044, ISO13468 / ISO14782), light transmittance measurement.	
Execution standard	Single standard(ASTM)	Double Standards(ASTM/ISO)	

Repeatability of haze	≤ 0.1	≤ 0.08	≤ 0.05
Test Parameter	ASTM (HAZE), Transmittance(T)		
Test Aperture	Single aperture:21mm		Double:21mm/7mm
Instrument Screen	5 inches color LCD screen		7 inches color touch screen
Geometry	Transmittance 0/D (0 degree illumination, diffused receiving)		
Integrating Sphere Size	$\Phi 154\text{mm}$		
Light Source	D65/A.C		
Test Range	0-100%		
Haze Resolution	0.01 unit		
Transmittance Resolution	0.01 unit		
Sample Size	Open space, no size limit		
Data Storage	10,000 pcs of samples	20000	No limit
Interface	USB		
Power Supply	DC12V (110-240V)		
Working Temperature	$+10 - 40\text{ }^{\circ}\text{C}$ ($+50 - 104\text{ }^{\circ}\text{F}$)		
Storage Temperature	$0 - 50\text{ }^{\circ}\text{C}$ ($+32 - 122\text{ }^{\circ}\text{F}$)		
Instrument Size	L x W x H: 310mmX215mmX540mm		