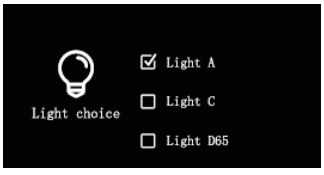
Haze Meter TH-100 Introduction

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.

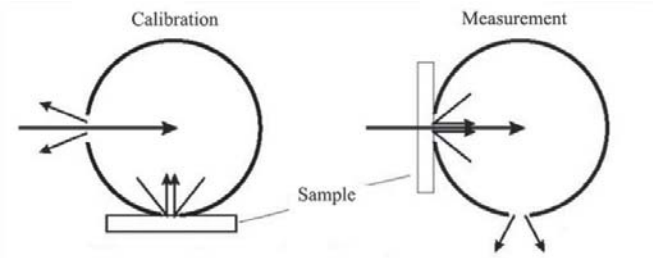
Part 1. Instrument Advantages

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.

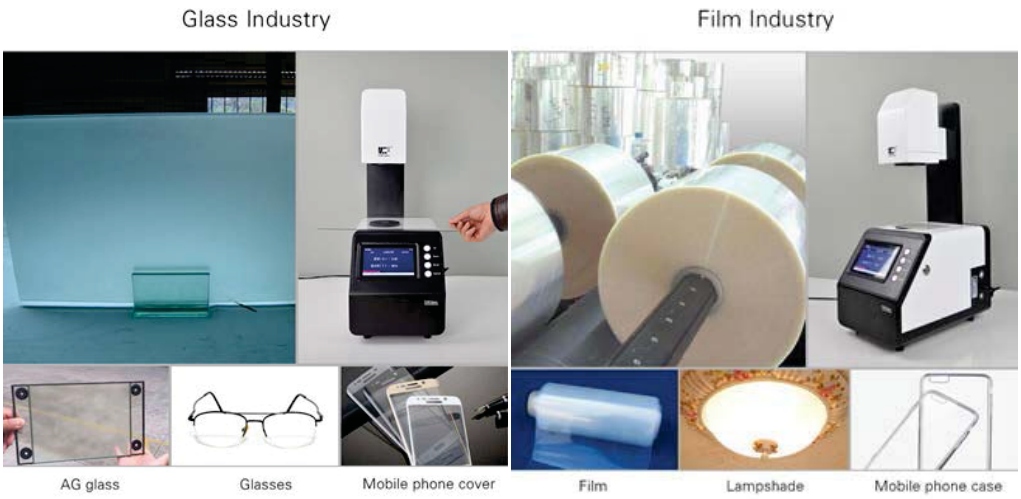
6). It can realize both horizontal and vertical measurement to measure different kinds of materials.

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.

Part 2. 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 ℃ (+50 – 104 °F)
Storage Temperature	0-50℃ (+32 – 122 °F)
Size (LxWxH)	310mm X 215mm X 540mm
Standard Accessory	PC software (Haze QC)
Optional	Fixtures, haze standard plate

Part 4. Haze Meter Application



Part 5. Technical Support

1. One year warranty.

Part 6. Haze Meter Packing List

Qty.	Name	Qty.	Name
1	Main Instrument	1	Power Adaptor
1	Operating Manual	1	USB Cable
1	Haze QC Software	1	Calibration Tile
1	Compensation Port Cover	1	Warranty Card

Part 7. Company Introduction

1). Company Pictures

2). Instruments