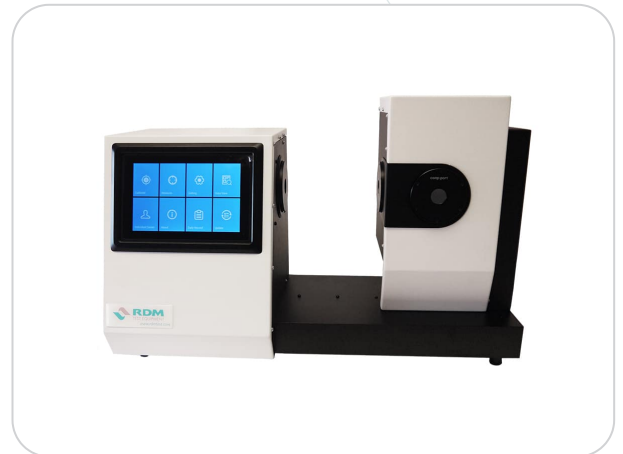


HTC-1003 HAZE, TRANSMITTANCE & CLARITY METER

Das HTC-1003 ist für die Messung von Klarheit, Farbe, Trübung, spektraler Durchlässigkeit und Gesamtdurchlässigkeit von transparenten und lichtdurchlässigen Materialien wie Kunststoffplatten, Folien, Glas, LCD-Panels und Touchscreens usw. konzipiert.



Das Klarheits- und Trübungsmessgerät HTC-1003 kann nicht nur die Trübung, den Transmissionsgrad und die Transmissionsfarbe messen, sondern bietet auch eine professionelle Klarheitsmessfunktion, die sich für Anwendungen in hochauflösenden Filmen, Displayglas und anderen Bereichen eignet. HTC-1003 verfügt über umfassende Farbparameter, die Dutzende von Farbparametern wie Lab, Gelbwert-Index, Weißwert-Index, Gardner, Pt-Co / APHA / Hazen-Farben messen kann. Das Gerät entspricht sowohl ASTM und ISO-Messstandards. Es kann die folgenden Messstandards erfüllen: ASTM D1003 / D1044, ISO13468 / ISO14782, JIS K7105, JIS K7361, JIS K7163 und andere internationale Standards.

EIGENSCHAFTEN

- Verschiedene Messparameter und professionelle Klarheitsmessfunktion.
- Umfassende Transmissions-Farbparameter
- Entspricht den ASTM- und ISO-Normen
- 24 Arten von Lichtquellen für die Messung der Durchlässigkeit.
- Kompensationsmessung für präzisere Testergebnisse
- Haze QC-Software als Standard-Zubehör
- Sieben-Zoll-Android-Touchscreen für ein besseres Testerlebnis
- Flexible Halterungen für verschiedene Probenmessungen.
- Offener Probenmessbereich, die Probe kann horizontal oder vertikal gemessen werden.

TECHNISCHE DATEN

Stromanschluss	230 V / 50 Hz
Druckluftanschluss	nein
PC-Anschluss	USB
Breite / Durchmesser	
Tiefe	
Höhe	
Gewicht (netto)	

Haze Meter HT-1003

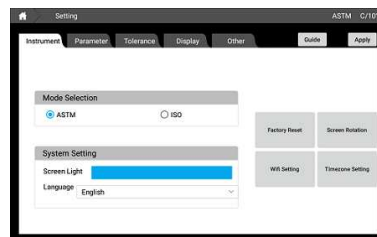


This Haze Meter is designed for haze, colour, and transmittance measurement of transparent and translucent materials such as plastic sheets, films, glass, LCD panel and touch screen. The HT-1003 Haze Meter does not need to warm-up during a test, saving time.

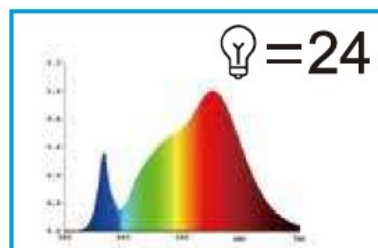


Features

1. Conforms to ASTM D 1003, ISO 13468, ISO 14782 GB/T 2410 standards.
2. There are 3 kinds of light sources A,C and D65 for haze measurement.



3. Cost effective product, lower cost than similar products
4. 24 kinds of illuminants for transmittance colour measurement



Haze Meter HT-1003

5. Spectral haze measurement obtains more than 20 kinds of measurement data such as colour, haze, transmittance, yellowness and whiteness in one measurement



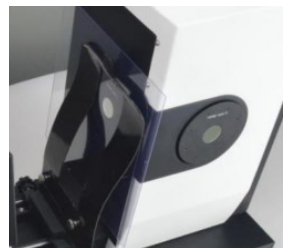
6. Unique signal processing technology to ensure measurement results will not be affected by environment light.



7. Flexible fixtures for different sample measurement



Liquid Measurement

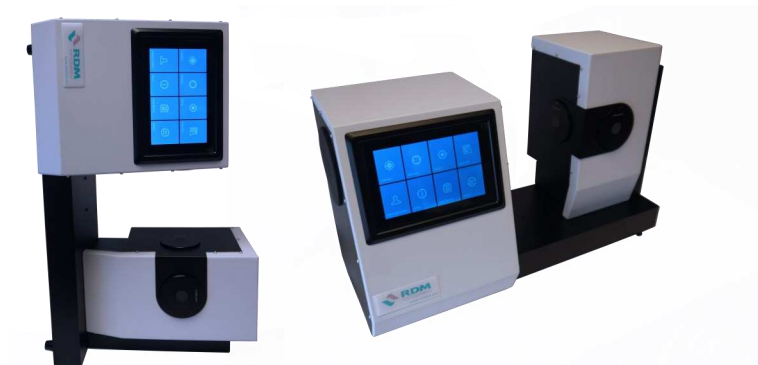


Sheet Material Measurement

8. Free Haze QC Software



9. Open sample measurement area, sample can be measured horizontally or vertically.



10. No need to warm-up, after instrument is calibrated, it can be used.



Haze Meter HT-1003

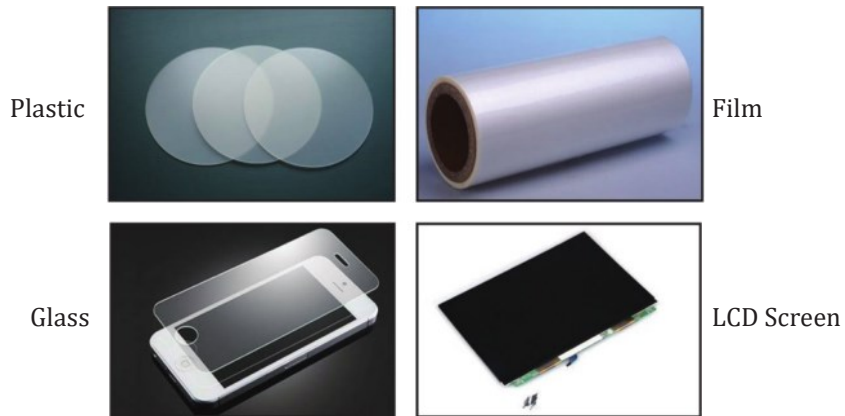
Specifications

Model	Haze Meter HT-1003
Light Source	Haze / Transmittance: CIE-A, CIE-C, CIE-D65 Chromaticity index: A, C, D50, D55, D65, D75, F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12, CMF, U30, DLF, NBF, TL83, TL84
Standards	ASTM D1003/D1044, ISO13468/ISO14782, JIS K 7105, JIS K 7361, JIS K 7136, GB/T 2410- 2008,
Parameters	HAZE, Transmittance Curve and Value(T),
Spectral Response	CIE Luminosity function Y/V (λ)
Wavelength	400-700nm
Wavelength Interval	10nm
Geometry	0/d
Illumination and Test Aperture Size	16.5mm/21mm
Measurement Range	0-100% (Haze, Transmittance)
Haze Resolution	0.01 Unit
Haze Repeatability	Haze <10%, Repeatability \leq 0.05%; Haze \geq 10%, Repeatability \leq 0.1%; Transmittance Repeatability \leq 0.1%
Sample Size	Thickness \leq 145mm
Data Storage	20000 pcs of samples
Display	7 inch TFT LCD Screen, Android System
Interface	USB
Power	110-240V
Working Temperature	10~45°C, relative humidity 80% or below(at 35°C), no condensation
Storage Temperature	-25~55°C, relative humidity 80% or below(at 35°C), no condensation
Dimensions	598mm x 247mm x 366mm (L x W x H)
Weight	12kgs
Standard Accessory	PC Software (Haze QC)
Optional	Measuring Fixture, Haze Standards, Transmittance Standards, 5m m / 7mm / 10mm Apertures



Haze Meter HT-1003

Applications



Technical Support



The HT-1003 Haze Meter comes with one year warranty.

Optional Accessories



Thin Film Holder



Test Aperture
(5mm, 7mm, 10mm)



Haze Standards Set
(1%, 5%, 10%, 20%, 30%)



Transmission Standards
(10%, 30%, 50%, 70%, 90%)



Holder for Sheet



RDM Test Equipment Ltd
Unit 39 Golds Nurseries Bus. Park
Jenkins Drive, ELSENHAM
Hertfordshire, CM22 6JX, UK

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