sisco

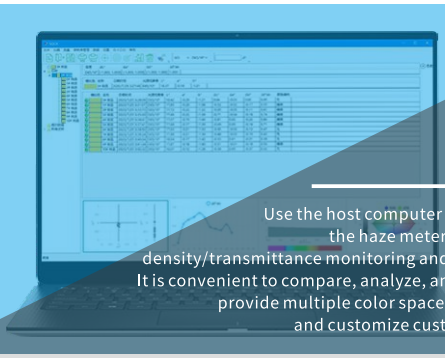
Digital Haze Meter YH1210

YH1210 Haze meter

YH1210 haze meter can easily implement ASTM D1003 non-compensation method, ISO 13468 compensation method, full light transmittance, haze test, open sample chamber can be tested vertically and horizontally, which is suitable for more samples to be tested.
YH1210 haze meter adopts PD array detector to meet CIE V(λ) 2 degree visual response. Compensation method measurement can achieve high-precision and repeatable light transmittance and haze data measurement.

ISO 9001 Certified CE TÜV RoHS FC

PRODUCT FEATURES



PC Software

Use the host computer software to connect the haze meter to the computer for density/transmittance monitoring and data management. It is convenient to compare, analyze, and print test reports, provide multiple color space measurement data, and customize customer management.

Compensation port

Vertical haze measurement

Standard measurement

Advantages of haze meter

1 ISO&ASTM	Meet a variety of test requirements,Standards compliant: ASTM D1003/1044, ISO 14782, GB/T 2410,JJF 1303-2011, CIE 15.2, JIS K7105, JIS K7361, JIS K7136
2 Simple operation and quick measurement	The YH1210 haze meter is equipped with a large-size touch screen for easy operation.With a PD array detector, CIE V(λ)2 degree visual response enables high precision and repeatable transmittance and fog measurements.USB data output device for docking with laboratory system.
3 Dynamic measurement	Independent light source detector and temperature sensor, constantly monitor light source and environmental change, ensure the reliability of test data.
4 Support a variety of samples	Independent light source detector and temperature sensor, constantly monitor light source and environmental change, ensure the reliability of test data.
5 Support a variety of samples	It provides powerful software for measuring and analyzing fog and light transmittance, which is suitable for quality monitoring and tabulated management of fog and light transmittance data in various industries.The management of users will be digitized at the PC end, the difference of fog and light transmittance will be compared, and the test report form will be generated to facilitate customer customization and management.

APPLICATION INDUSTRY

Glass industry

Plastic processing

Film manufacturing

Liquid measurement

Laboratory

TECHNICAL SPECIFICATIONS

Model:	YH1210
Optical Geometry:	Transmission: 0/D (parallel light illumination, diffuse reflection reception)
Standards compliant:	ASTM D1003/1044,ISO 13468,ISO 14782,GB/T 2410,JJF 1303-2011,CIE 15.2,JIS K7105,JIS K7361,JIS K7136
Integrating Sphere Size:	Φ 154mm
Illuminant:	400-700nm LED light source
Spectrophotometric Mode:	/
Sensor:	PD array detector, meeting CIE V(λ) 2 degree visual response
Wavelength Range:	/
Wavelength Pitch:	/
Semiband Width:	/
Transmittance range:	0-100%
Measuring Aperture:	Φ20mm/Φ15mm/Φ8mm/Φ4mm(Choose one)
Sample size:	The thickness is less than 105mm
Color Space:	/
Color Difference Formula:	/
Other Colorimetric Data:	Haze(ASTM D1003/1044,ISO 13468)，Transmittance T(ISO)，Transmittance T(ASTM)
Observer Angle:	2°
Illuminants:	D65,A,C
Displayed Data:	Pass/fail result
Measuring Time:	about 1.5s
Precision:	0.01
Repeatability:	Φ20 mm aperture, less than 0.05 (after instrument preheating and correction, test the standard nebulizer with the nebulization of about 30 at an interval of 5s for 30 times of standard deviation)
Inter-instrument Error:	Φ20mm Caliber,< 0.4 (After the instrument is warmed up and corrected, test the standard deviation of the haze standard haze sheet and the reference value at an interval of 5s)
Size:	Length X Width X Height=487x260x298mm
Weight:	About 8.0 kg
Power Supply:	DC 24V, 3A Power Adapter
Light Source Device Life:	5 years, more than 3 million times measurements.
Display:	7" TFT Capacitive Screen-touch Display
Data Port:	USB & Print serial port
Data Storage:	Standard 1000 Pcs, Sample 20000 Pcs
Language:	Simplified Chinese, Traditional Chinese, English
Working Environment:	Temperature: 0~40°C; Humidity: 0~85% (No Condensation)
Storage Environment:	Temperature: -20~50°C; Humidity: 0~85% (No Condensation)
Standard Accessory:	Power adapter, manual, quality management software (download from official website), data cable, 0% calibration box, measuring caliber
Optional Accessory:	Micro printer, test fixture, standard haze film, foot switch
Notes:	The specifications are subject to change without notice.