

Non-Contact Color Haze and Transmittance Test Equipment



CHNSpec launches new product non-contact color haze and transmittance test equipment. We will introduce it.

1. Application

This device is designed for measuring haze, total transmittance and color value Lab for large size and heavy material such as large screen, automobile glass and other transparent and translucent materials.

2. Advantages

- 1). Ultra-large size platform, largest sample size 2.6 x 1.6m, every point on sample can be measured.
- 2). Suitable for heavy materials measurement with air float function, max. weight capacity 200kgs
- 3). Flip to load function which makes large and heavy material test much easier.
- 4). Simultaneously measure color, haze and total transmittance

3. Technical Data

Product Name	Haze and Transmittance Measurement System for Ultra-large Size Samples
Light Sources	CIE-A, CIE-C, CIE-D65
Standards	ASTMD1003, GB/T2410, CIENo.15
Parameter	HAZE, Transmittance (T), CIE Lab
Spectral Response	CIE Luminosity function Y/V(λ)
Wavelength Range	400-700nm
Wavelength Interval	10nm
Geometry	0/d
Measurement Area / Aperture Size	16.5mm/21mm
Measurement Range	Haze:0-100% Transmittance:0-100%
Resolution	Haze:0.01% Transmittance:0.01%
Repeatability	Haze \leq 0.1% Transmittance \leq 0.1%
Sample Size	Thickness \leq 145mm
PC Display Screen Size	22 inches (can be custom made)

Interface	USB
Power	220V (can be custom made)
Working Platform Size	3100*2100mm (can be custom made)
Max. Sample Weight	200kgs
Size (L x W x H)	3700*2200*1650mm

Part 4. How to use it?

1). Material Feeding

It is with flip load function which makes large and heavy material test much easier.



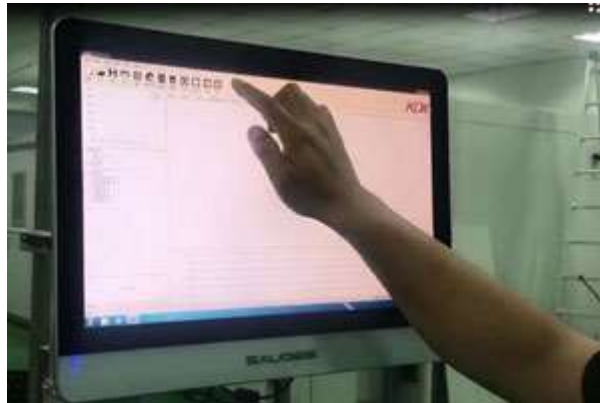
2). How to move the sample on the platform?

Samples are heavy and large, how to move it? We design the system with air float function to make sample moving becomes much easier work. Only one hand will be enough to move it.



3). PC software

The whole system includes PC and software for measurement, generating and saving test report.



4). Measurement

It can measure different points on sample with short time. (Custom-made service is available) After measurement, we can see the test result directly on the PC screen.



CHNSpec Tech is specialized on manufacturing instruments for color, gloss and haze measurement. If any inquiry for similar project, welcome to contact us.