

HAM-300 高精度光谱雾度计 HAM-300 high-precision spectral haze meter

- HAM-300 高精度光谱雾度计主要用于材料透光率、雾度以及材料在特定光源下光色性能测试，一体化设计，夹持样品的空间大，满足不同尺寸样品的测试需求，依据ASTMD1003, GB/T2410, ISO14782、JISK7136、JC/T2130-2013, JISK7105-81等标准的要求，特别适合汽车前挡风玻璃和侧窗玻璃等透过率的测试。

HAM-300 high-precision spectral haze meter is mainly used for testing the light transmittance and haze of materials and the photochromic performance of materials under specific light sources. It is an integrated design with large space for holding samples, meeting the test requirements of samples of different sizes. According to the requirements of ASTM D1003, GB/T 2410, ISO14782, JIS K7136, JC/T2130-2013, JIS K7105-81 and other standards, it is particularly suitable for testing the transmissivity of automotive front windshield and side window glass.



特点与优势 Characteristics and advantage

- 采用高精度光谱仪，实现380-780nm（另有400-700nm和380nm-1000nm可选）波段光谱、雾度和透光率的精确测量；
High precision spectrometer is used to realize accurate measurement of spectrum, haze and transmittance in 380-780nm (400-700nm and 380nm-1000nm are optional) band;
- 一体化设计，操作简单；
Integrated design, simple operation;
- 配备功能清晰的上位机软件，使用方便，结果清晰；
The upper computer software with clear functions shall be provided for easy use and clear results;
- 内置积分球采用远方特有的诗贝伦涂层，性能更加稳定，寿命更加长久。
The built-in integrating ball adopts the unique Sibelon coating from afar, which has more stable performance and longer service life.

技术参数 Specifications

- 1)测量功能：光谱透射率曲线、总透射率、散射透射率、平行透射率、雾度、色坐标、色温、黄色指数YI等
1) Measurement function: spectral transmittance curve, total transmittance, scattering transmittance, parallel transmittance, haze, color coordinate, color temperature, yellow index YI, etc
- 2)透射照明/接收条件：0/d;
2) Transmission lighting/receiving condition: 0/d;
- 3)测量腔体容积：长度≤A4纸大小，厚度≤150mm
3) Measuring chamber volume: length ≤ A4 paper size, thickness ≤ 150mm
- 4)标准光源：满足CIE标准照明体A、C和D65及客户自定义光源。
4) Standard light source: meet CIE standard illuminants A, C, D65 and customized light source.
- 5)波长范围：380nm-780nm（另有400nm-700nm和380nm-1000nm可选）；
4) Standard light source: meet CIE standard illuminants A, C, D65 and customized light source.
- 6)波长准确度：0.3nm；波长重复性：0.2nm
6) Wavelength accuracy: 0.3nm; Wavelength repeatability: 0.2nm
- 7)透射率测量范围：0%-100.00%
7) Measuring range of light transmittance: 0% - 100.00%
- 8)测量重复性：≤0.1单位，分辨率：0.01
8) Measurement repeatability: ≤ 0.1 unit, resolution: 0.01
- 9)测量复现性：≤0.3单位,
9) Measurement reproducibility: ≤ 0.3 unit,
- 10)雾度全程零点漂移：≤0.1 单位（预热后5分钟内）；
10) Zero drift of haze in the whole process: ≤ 0.1 unit (within 5 minutes after preheating);
- 11)适用的被测样品范围：长*宽≤A4纸大小，厚度≤150mm；
11) Applicable range of tested samples: length * width ≤ A4 paper size, thickness ≤ 150mm;
- 12)样品孔径尺寸：Φ20mm；
12) Sample aperture size: Φ 20mm;
- 13)外形尺寸（长×宽×高）约356mm×340mm×624mm。
13) Overall dimensions (length × wide × Height) about 356mm × 340mm × 624mm。