



TR-5000 US-VIS-IR Transmittance and Reflectance Test System for Materials

Spectral Transmittance/Reflectance Measurement in Extremely Wide Range 280-2500nm

TR-5000 meets the requirements of GBT, GAT and other standards, which is suitable for measuring the visible light transmittance, ultraviolet transmittance, solar transmittance, visible light reflectance, and spectral transmittance / reflectance curve of materials, and analyzes the color characteristics of materials. Achieve extremely wide measurement range of 280nm-2500nm.

Ø Main characteristics

- Integrate transmittance and reflectance measurement function into one device; Realize UV-VIS-IR wide band spectrum measurement;
- The core optical equipment is the research achievement of the national 863 (High-tech Research and Development Program) project;
- High-performance aligned light source to ensure measurement conditions in a wide band range;

- With self correction and calibration function, convenient for users to self zero offset and calibration;
- Unique double beam feedback system for UV-VIS, monitoring the light source and doing compensation automatically, which will effectively reduce errors caused by light source variation.

Model	TR-5000
Measurement function	Reflectance/Transmittance
Wavelength range	280nm-2500nm ;
Illumination/ Viewing geometry	Transmittance: normal/normal; Reflectance: 5°/5°.
Reflectance range	0-200%, Resolution 0.01%
Color parameters	L*,a*,b*,C*,h*,R,G,B,



Auto glass



eyeglass



Architectural glass



Mobile phone film