TR-5000 紫外-可见-近红外透反射测试系统
TR-5000 Ultraviolet Visible Near Infrared Transmission and Reflection Test System

- 测量各类薄膜、玻璃以及镜片等的可见光透射比、紫外线透射比、太阳光透射比、可见光反射比，及材料的光谱透射率/反射率曲线,并对材料的颜色特性进行分析，可实现极宽的透射/反射光谱测量范围，参考GAT744-2013标准要求设计。

Measure the visible light transmittance, ultraviolet transmittance, sunlight transmittance, visible light reflectance of various films, glasses and lenses, and the spectral transmittance/reflectance curve of materials, and analyze the color characteristics of materials to achieve an extremely wide transmission/reflection spectrum measurement range, which is designed according to the requirements of GAT744-2013 standard.

特点与优势 Characteristics and advantage

- 核心光学设备为国家863（高技术研究发展计划）项目研究成果，经由院士领衔的权威专家组鉴定，获"国际领先"评价；
  The core optical equipment is the research result of the National 863 (High Technology Research and Development Plan) project, which has been appraised by the authoritative expert group led by academicians and won the "international leading" evaluation;
- 极宽的光谱测量范围：红外可至2500nm；
  Extremely wide spectral measurement range: up to 2500nm in infrared;
- 自带校正及标定功能，方便用户自行校零和定标；
  With calibration and calibration functions, it is convenient for users to calibrate and calibrate by themselves;
- 独特的紫外-可见波段的双光路设计，可对光源进行监控和自动补偿，减少光源变化带来的误差。
  The unique dual optical path design in the ultraviolet visible band can monitor and automatically compensate the light source to reduce the error caused by the change of the light source.

技术参数 Specifications

项目	Tr-5000
测量功能：	反射/透射
波长范围：	280nm-2500nm；
照明/接收条件：	反射 5°/5°，透射：垂直照明/垂直接收
光源：	高性能准直光源
反射率范围：	0-200%，分辨率 0.001%
颜色参数：	L*，a*,b*,c*,h*,R,G,B,ΔE*ab,CMC,ΔE94,ΔE00,etc