

PSC-30 便携式颜色分析仪

PSC-30 portable color analyzer

- PSC-30便携式颜色分析仪依据CIE, GB等标准研制开发的便携式多功能颜色测量设备。该设备采用d/8测量结构, 可同时进行SCI和SCE测试, 搭载智能操作系统, 配合大尺寸彩色触控屏和超大容量锂电池供电, 可实现一键操作, 一步完成实地测量, 读取与分析。能精确测量平面以及曲面样品, 使用方便、测量快捷、性能稳定、测试精准, 适用于车牌、车门、轮胎、汽车方向盘、汽车内饰以及金属用品等各类材料的现场测量以及品质控制。

PSC-30 portable color analyzer is a portable multi-function color measuring equipment developed according to CIE, GB and other standards. The device adopts d/8 measurement structure, which can conduct SCI and SCE tests at the same time. It is equipped with an intelligent operating system, supported by a large size color touch screen and a large capacity lithium battery for power supply, which can achieve one click operation and complete on-site measurement, reading and analysis in one step. It can accurately measure plane and curved surface samples. It is convenient to use, fast to measure, stable in performance, and accurate in testing. It is suitable for on-site measurement and quality control of various materials such as license plates, doors, tires, steering wheels, car interiors, and metal products.



特点与优势 Characteristics and advantage

- 轻松选择SCI和SCE两种测量模式；
Easily select SCI and SCE measurement modes;
- 采用专利技术监测并实时补偿光源变化，精度更高；
Adopt patented technology to monitor and real-time compensate the changes of light source, with higher accuracy;
- 搭载智能操作系统，配合大尺寸彩色触控屏，一目了然，操作自如；
Equipped with intelligent operating system and large color touch screen, it is easy to operate at a glance;
- 摄像定位、可通过显示屏直接观测所测对象，方便准确地进行定位；
Camera positioning, direct observation of the measured object through the display screen, convenient and accurate positioning;
- 超大容量的内存空间万组测试轻松应对，现场对比分析更加从容；
Large capacity memory space, ten thousand groups of tests are easy to deal with, and on-site comparative analysis is more leisurely;
- 超大容量高品质锂电池，轻松解决续航问题；
Super large capacity and high-quality lithium battery, which can easily solve the problem of endurance;
- USB、WIFI通讯，可轻易完成与PC端的测量数据传输；
USB and WIFI communication can easily complete the measurement data transmission with PC;

技术参数 Specifications

型号	PSC-30
测量几何	D/8°
照明光源	全光谱日光 LED
光谱测量范围	400-700nm
标准观察者	2°和 10°
测量范围	0-175%
颜色空间	CIELabCh、CIELab、CIELCh、HunterLab、XYZ、CIELuv、CIE1960UCS、CIE1976UCS、黄度指数、淡色调指数、亮度因数、白度指数
色差	CIELab、CIELch、CIELuv、CMC、CIE1994、CIE2000、HunterLab、Metamerism
重复性	<0.03 ΔE^*_{ab} 1)
器间差	AVG 0.2 ΔE^*_{ab} 2)
测试孔径	Φ 11mm
交互接口	USB, WIFI
配件	USB 电缆、电源适配器、带软件 and 用户手册的光盘、手提箱
<p>1)仪器预热后以白板校准，以 10s 间隔测量白板 30 次</p> <p>2)12 块色板在远方实验室条件下测量获得的平均色差。</p>	