

PSC-20便携式分光测色仪

PSC-20 portable spectrophotometer

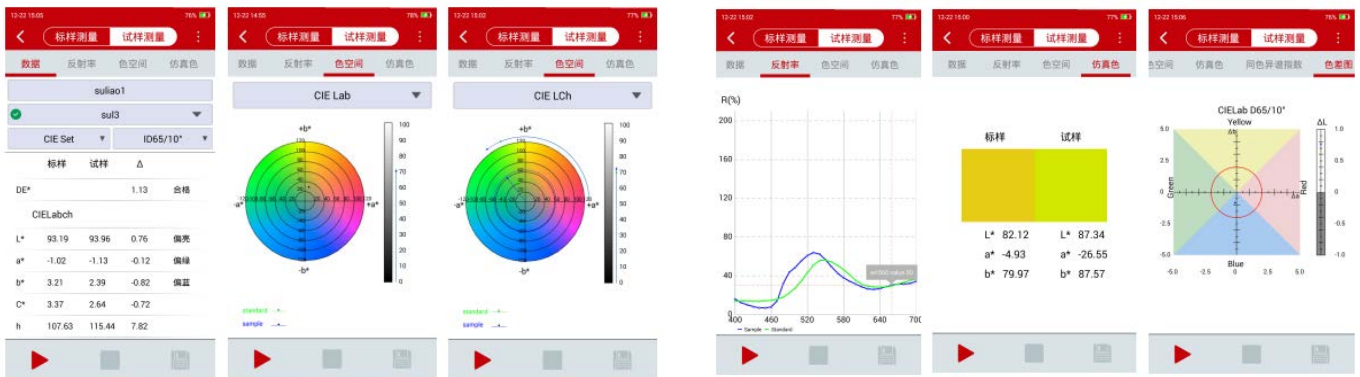
- PSC-20参考CIE, GB等标准要求设计, 采用45/0测量几何结构, 搭载智能操作系统, 配合大尺寸彩色触控屏和超大容量锂电池供电, 实现一键操作, 一步完成测量读取与分析。使用方便快捷、性能稳定、测试精准。广泛应用于涂料、纺织、汽车内饰、标识标牌等颜色的现场测量和品质控制。

The PSC-20 is designed according to the requirements of CIE, GB and other standards. It adopts a 45/0 measurement geometric structure, is equipped with an intelligent operating system, and is powered by a large color touch screen and a large capacity lithium battery to achieve one click operation and complete measurement reading and analysis in one step. It is convenient and fast to use, stable in performance and accurate in testing. It is widely used in the field measurement and quality control of colors such as coatings, textiles, automobile interiors and signs.



特点与优势 Characteristics and advantage

- 颜色，色差，反光率，亮度因子等测试一次完成，方便快捷；
The color, color difference, reflectance, brightness factor and other tests are completed at one time, which is convenient and fast;
- 45° 环带照明，垂直接收，对汽车装饰件、塑料、涂料等材料进行更贴近视觉感官的评价；
45° annular lighting, vertical reception, closer to the visual sense evaluation of automotive decorative parts, plastics, coatings and other materials;
- 内置多种道路交通、标示标牌、安全色等标准，可以更直观评判颜色是否满足标准要求；
Built in a variety of road traffic, signs, safety colors and other standards, which can more intuitively judge whether the color meets the standard requirements;
- 搭载智能操作系统，配合4.2寸彩色触控屏，一目了然，操作自如；
Equipped with intelligent operating system and 4.2 inch color touch screen, it is clear and easy to operate;
- 数据可以Excel, JPG等多种格式导出，方便查看和编辑；
Data can be exported in Excel, JPG and other formats for easy viewing and editing;
- 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，方便实验室、产线等任意场所的测量与数据传输。
USB and WIFI communication are convenient for measurement and data transmission in any place such as laboratories and production lines.



技术参数 Specifications

型号	PSC-20 便携式分光测色仪
测量几何	45/0 环形照明
光谱反射率测量范围	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
色差标准	CIELab、CIELch、CIELuv、CMC 、CIE1994、CIE2000、HunterLab、Metamerism
测量重复性	<0.02 ΔE^*_{ab} 1)
器间差	AVG 0.2 ΔE^*_{ab} 2)
测量孔径	$\Phi 11/8\text{mm}$
交互接口	USB, WIFI