

PSD-20 便携式分光密度仪

PSD-20 portable spectrodensitometer

- PSD-20是依据ISO标准研制开发的多功能密度、颜色测量仪器，是一款使用方便、测量快捷、性能稳定、测量精准的密度仪，使用锂电池供电，可以作为独立数据采集设备，也可以实时上传采集的数据至个人电脑上进行数据分析。颜色、密度、所有密度、密度趋势、阶调值、阶调值增加、叠印率、印刷特性以及对比测量功能应有尽有。

The PSD-20 is a multifunctional density and color measuring instrument developed according to ISO standards. It is a density meter with convenient use, fast measurement, stable performance and accurate measurement. It uses lithium battery power supply, and can be used as an independent data acquisition device, or it can upload the collected data to a personal computer in real time for data analysis. Color, density, all densities, density trend, step value, step value increase, overprint rate, printing characteristics and contrast measurement functions are all available.



特点与优势 Characteristics and advantage

- 密度，颜色测量一次完成，按压式触发测试，定位准确，测量便捷；
The density and color measurement are completed at one time, and the push trigger test is accurate and convenient;
- 大尺寸触控屏，视野更开阔，结果一目了然；
Large touch screen with a wider view and clear results;
- 支持ISO标准规定的M0、M1、M2、M3测量模式；
Support M0, M1, M2 and M3 measurement modes specified in ISO standards;
- 超大容量的内存空间，实现在线测试数据、测试历史数据完全记录；
Super large memory space to realize full recording of online test data and test historical data;
- 超大容量高品质锂电池，待机时间长，便于大通量测量；
Super large capacity and high-quality lithium battery, long standby time, convenient for large flux measurement;
- WIFI远程通讯，方便远距离测量和数据传输。
WIFI remote communication is convenient for remote measurement and data transmission.

技术参数 Specifications

型号	PSD-20
测量几何	45°/0°
照明光源	全色 LED
波长范围	400-700nm
测量范围	0 ~ 3.0D
测量模式 (根据 ISO 13655:2009)	M0 (A 光源, 含 UV) M1 (D50, 含 UV) M2 (A 光源, 不含 UV) M3 (偏振镜开启)
测量孔径	Φ2mm
测量功能	密度、所有密度、密度趋势、阶调值、阶调值增加、叠印率、印刷特性以及对比测量等
颜色空间	CIE Labch、CIE Lab、CIE Lch、HunterLab、XYZ、CIE Luv、CIE1960UCS、CIE1976UCS
色差标准	CIE Lab、CIE Lch、CIE Luv、CMC、CIE1994、CIE2000、HunterLab、Metamerism