

VCA-3300标准光源对色灯箱（高品质型）

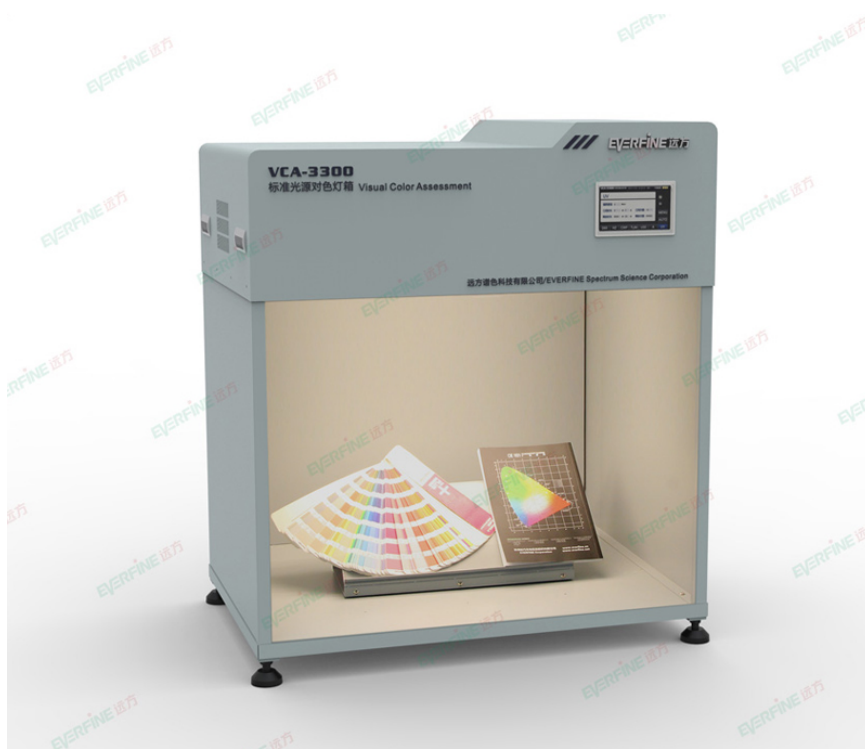
VCA-3300 standard light source color matching light box (high quality type)

- 在纺织、塑料、涂料、染料、消费类电子、汽车等多个对颜色要求非常高的行业中，目视验色是颜色质量控制的一个重要环节，人们观察到的产品颜色和光泽会随着照射光源光谱或照射角度的不同而发生变化，所以目视评测时必须先确定光源光谱类型，照射角度，观测角度等影响目视评测效果的因素。

In many industries with very high color requirements, such as textiles, plastics, coatings, dyes, consumer electronics, and automobiles, visual color inspection is an important part of color quality control. The color and luster of products observed by people will change with the spectrum or angle of exposure of light sources. Therefore, during visual evaluation, it is necessary to determine the spectral type of light sources, exposure angle, observation angle and other factors that affect the visual evaluation effect.

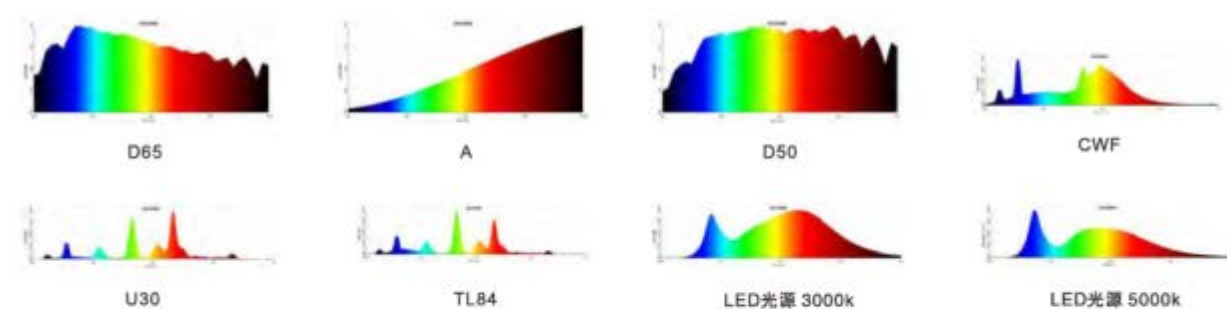
- VCA-3300标准光源对色灯箱采用专利技术和国际顶级品牌光源和智能控制器，配合具有极佳漫射特性的匀光装置，精确匹配和准确模拟D65、A、HZ、CWF、TL84、U30、F、UV等多种标准要求的光色环境，依据ASTM、CIE、ISO、GB等标准要求设计，为提高颜色比对的一致性和可靠性提供了坚实技术保证。

VCA-3300 standard light source color matching light box adopts patented technology, international top brand light source and intelligent controller, cooperates with the light homogenizing device with excellent diffusion characteristics, accurately matches and accurately simulates the light color environment required by D65, A, HZ, CWF, TL84, U30, F, UV and other standards, and is designed according to ASTM, CIE, ISO, GB and other standards, providing a solid technical guarantee for improving the consistency and reliability of color comparison.



特点与优势 Characteristics and advantage

- 配置多种常用的标准光源，精确模拟各种光源光谱；
Configure a variety of commonly used standard light sources to accurately simulate the spectrum of various light sources;
- D65光源满足CIE A级光谱匹配度要求；
D65 light source meets CIE Class A spectral matching requirements;
- VCA-3300具备照度调节功能，满足被试产品在不同光照条件下的颜色性能评估的；
VCA-3300 has the illumination adjustment function to meet the color performance evaluation of the tested product under different lighting conditions;
- 采用远方专利技术，实现良好的漫反射及均匀的照明标准环境；
Adopt remote patented technology to achieve good diffuse reflection and uniform lighting standard environment;
- UV紫外光可结合任意光源，用于检测并评价荧光增白剂、荧光染料和色素；
UV light can be combined with any light source to detect and evaluate fluorescent whitening agents, fluorescent dyes and pigments;
- 配置安全智能的统计控制器，记录并显示每种光源的名称、累计使用时间、累计开关次数；
The safety intelligent statistical controller shall be configured to record and display the name, cumulative service time and cumulative switching times of each light source;
- 无需预热、不闪动，无需主动散热，发光效率高，评价颜色快速可靠。
No preheating, no flashing, no active heat dissipation, high luminous efficiency, fast and reliable color evaluation.
- 配备45度观察台，可实现45/0观察条件。
Equipped with 45 degree observation platform, 45/0 observation conditions can be achieved.
- 空间更大，适合大件物品的比色。WIFI远程通讯，方便远距离测量和数据传输。
More space, suitable for color comparison of large items. WIFI remote communication, convenient for long distance measurement and data transmission.



技术参数 Specifications

型号		VCA-3300 标准光源对色灯箱
内壁颜色		Munsell 中性灰色
光源种类	D65 光源	相关色温 6500K, LED 组合光源; 显色指数 96 以上;
	CWF 光源	相关色温 4150K, 冷白荧光灯;美国商照或办公光源;
	TL84 光源	相关色温 4000K, 欧洲、日本、中国商照荧光灯光源;
	U 30 光源	相关色温 3000K, 暖白荧光灯; 美国商照光源;
	A 光源	相关色温 2856K, 暖色卤钨灯, 模拟家庭, 酒店, 美式橱窗灯光;
	HZ 光源	相关色温 2300K, Horizon, 水平日光;
		LED 组合光源;
		灯管 (CWF、TL84、U30) 亮度可以调整; 底部照度 300Lx 以上 内置照度传感器, 实时监测显示照度大小
累计开启时间		1 分钟-1000 小时
累计开关次数		1-65000 次
体积重量		约 630mm*950mm*1000mm/75Kg