

ColorLite sph900

分光光度计具有O-LED显示屏



颜色测量

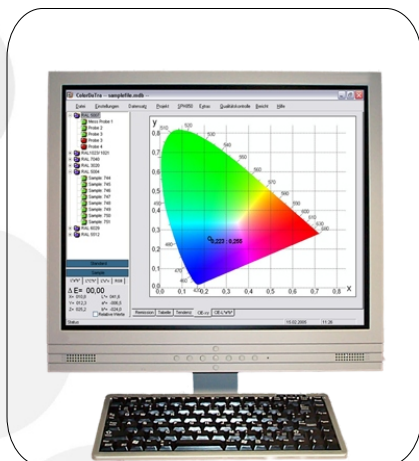
高分辨率分光光度计

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LED

德国制造

Flexible for many applications as are all ColorLite spectrophotometers with future orientated O-LED colour display and smart interface that automatically recognises attached accessories. Using our integrating (Ulbricht) sphere adapter both a 45°/0° and the d/8° measurement geometry are available in a single system. The sph900 spectrophotometer was designed implementing newest optical components available and conforms to the recommended norms of the car industry and all standards.



ColorDaTra电脑数据库软件
用于质量控制任务



测量粉末



d/8°探头转换器

功能


- Highly flexible external probe head makes measuring small or curved samples easy
- Light source high powered white and blue LEDs with an optimal life span
- Sprung probe head with automatic trigger - Ideal for measuring small parts
- Smart interface with automatic identification of connected accessory
- Measurement geometries 45°/0°, d/8° or both using MA35-UK adapter according to DIN5033
- Very easy 4-button operation and high resolution colour O-LED display
- Memory space for 1000 standards, 1000 results, and 350 sample photos in 160 x 120 pixel
- Connection to a PC wireless with Bluetooth, or via USB V2.0 or optional RS232

应用

Colour measurement for quality control applications of plastics, paints, textiles, leather, powders, granules, foods, packaging, cables in the lab or fully mobile.

In different industries such as: automobile, plastics, chemical, food, pharmaceutical, paper ...

技术数据

 <p>反射光谱</p>	测量光路 45°/0° - 或 d/8°积分球 - 或 d/0° - 符合 DIN5033 可选 45°/0° 和 d/8°同时,用 MA35-UK转接器 可选 45°/0° 和 d/0°同时,用 MA38/80转接器
 <p>合格/不合格</p>	照明 D65, D55, D50, A, C, F11
 <p>颜色值</p>	标准观察视角 2° and 10°
 <p>CIE L*a*b* 图</p>	色彩空间 XYZ, Yxy, ΔE CIE L*a*b*, L*u*v*, L*C*h, Hunter Lab 用光标显示光谱的波长和 %, CIE-L*a*b* 图 (含容差)
	质量控制 容差限制 和颜色差异 ΔE CIE Lab; ΔL, Δa, Δb; ΔL, Δu, Δv; ΔL, ΔC, Δh; Min/Max, 合格/不合格 ΔECMC (1:1 和 1:2), CIE ΔE94 对于 D65/A 和 D65/F11 的同色异谱指数 (符合 DIN 6172)
	其他值 对比度: LRV (反射率) 符合 - BS 8493:2008 各种白度指数 各种黄度指数 灰度指数 Hazen/APHA; JOD (需要 CA10-LS 适配器)
	光源光谱测量 光源的光谱和色度测量, 如LED - 可选
	标准/样品照片 测量区域的 350 张彩色照片 尺寸: 160 x 120 像素
	光谱显示范围 400 到 700 nm
	光谱分辨率 全息光栅光谱仪 FWHM** @ 500 nm < 10 nm 扫描间隔 3.5 nm 每次扫描115 x 16-位 值
	显示 高分辨率 O-LED 彩色显示器: 高对比度和低功耗 1/4-VGA, 320 x 240 像素
	重复性 < 0,03 ΔE CIE Lab
	光源 白光和蓝光 LED 寿命 > 20 年

基本配置:

- 经认证的白色标准板—BAM (德国联邦材料实验所)
- 温控电池充电器+铝合金泡沫便携箱
- USB 接口线缆+CD 用户手册

