

YS3060 UV Visible Color Spectrophotometer with SQC8 Color Matching Software



YS3060 grating spectrophotometer adopts bluetooth and USB dual modes for wider user. YS3060 spectrophotometer also with SCI & SCE double measuring data, which also with 4mm and 8mm aperture. Special UV light make YS3060 spectrophotometer more accuracy and easy to operating. YS3060 spectrophotometer also with extended PC software which will enable it be a good partner for colorist and color QC management.

Specifications

Illumination/ observation System	Reflect: diffused illumination, 8-degree viewing angle;UV included
Integrating Sphere Size	Ø48mm
Sensor	256 Image Element Double Arrays CMOS Image Sensor
Wavelength Range	400-700nm
Wavelength Pitch	10nm
Measuring Aperture	MAV: Ø8mm, SAV: Ø4mm
Light-included Mode	Both SCI & SCE Modes
Color Difference Formulas	ΔE^*ab , ΔE^*uv , ΔE^*94 , $\Delta E^*cmc(2:1)$, $\Delta E^*cmc(1:1)$, ΔE^*00v , ΔE (Hunter)
Other Colorimetric Data	WI(ASTM E313, CIE/ISO, AATCC, Hunter), YI(ASTM D1925, ASTM 313),TI(ASTM E313, CIE/ISO), Metamerism Index MI, Staining Fastness, Color Fastness, Color Strength, Opacity
Illuminant	D65, A, C, D50, D55, D75, F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12
Display Data	Spectrogram/Values, Samples Chromaticity Values, Color Difference Values/Graph, PASS/FAIL Result, Color Offset
Measuring Time	about 1s, 2.6s in SCI&SCE
Measuring Mode	Single Measurement, Average Measurements(2-99 times)
Locate Mode	Camera Mode
Size	184*77*105mm(L*W*H)
Weight	about 600g
Battery Performanca	Li-ion Battery.5000 measurements within 8 hours
Screen	3.5 inch TFT color LCD, Capacitive Touch Screen
Interface	USD/RS-232,Bluetooth 4.0 dual mode
Storage	Standard:1000,Sample:28000
Language	Chinese, English
Standard Accessories	Power Adapter, Built-In Li-ion Battery, User Guide, PC Software, White and Black Calibration Cavity, Dust Cover
Optional Accessories	Micro Printer, Powder Test Box
Notes	The specifications are subject to change without notice.

Application Industry:

Grating spectrophotometer can easily achieve color transferring , and be used as a precision instrument for color matching system. It's widely used in plastics, electronics, painting, ink, textile and garment, printing and dyeing, printing paper, automotive, medical, cosmetics and food industries, scientific research institutes, schools and laboratories.