



Touch the color with spectro2guide

The revolution in color management

A member of  **ALTANA**



Get it from your authorized distributor: www.labequip.com



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spectro 2

Brilliant Color Display Touch. Measure. Save.

The large 3.5-inch color touchscreen offers an ideal space for the icon-based menu. Colorful data tables and graphics ensure an intuitive smart phone like operation. An integrated camera shows a live preview of the measurement spot to ensure precise positioning and to prevent false readings.



Perfectly Formed Design Approachable. Balanced. Upfront.

Due to its balanced and upfront design, the display is always in the right position and easy-to-read, whether on horizontal, vertical, large or small surface areas – even true for overhead work. You no longer need to bend out of shape for measurement and data reading. The display flips around for you.



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o-guide



spectro2guide

The spectro2guide is the only handheld spectrophotometer on the market that not only combines high precision color measurement with a 60° glossmeter, but also offers an integrated portable fluorimeter. This opens up completely new perspectives for controlling color harmony on the one hand and analyzing long-term color stability based on fluorescence degradation on the other.

spectro2go

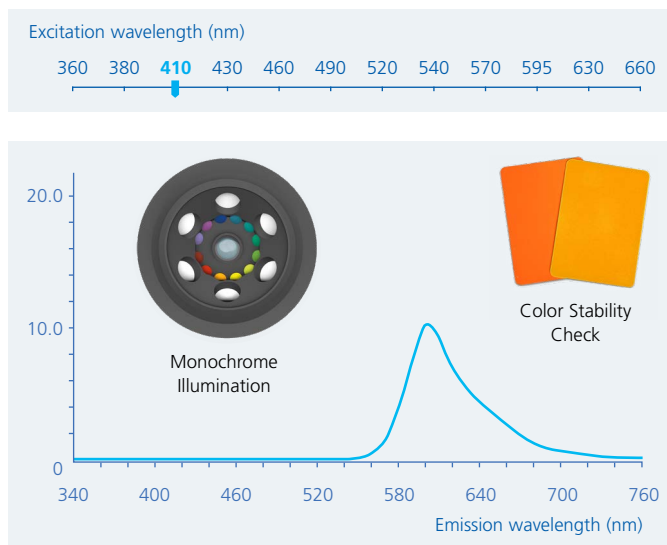
The affordable entry to the spectro2family. To ensure harmony color and 60° gloss are measured simultaneously. The spectro2go offers highest technical performance due to proven BYK LED technology combined with temperature controlled electronic and optical components. Digital standards become reality and can be exchanged within the handheld spectro2family as well as benchtop color2view.

spectro2go XS

Controlling color harmony of multi-component products within a global supply chain is always a challenge. Especially small parts can easily stand out like a thorn, if their color does not match the other components. The spectro2go XS with small aperture is especially developed for measurement of small parts.

spectro2guide Pro

The color black has always been a special challenge for color measurement and puts the quality of a portable spectrophotometer to the ultimate test. The spectro2guide Pro with its special Jetness mode measure black and describe its undertones with highest accuracy – developed with and tested by carbon black manufacturers!



Color Stability Prediction

Excited. Emitted. Shifted.

Although fluorescent materials have been used in many different industries for decades, their quality control has always been a major challenge. The spectro2guide offers for the first time an affordable and at the same time accurate fluorimeter on an industrial scale, which enables the quality control of fluorescent material. The new dE FI index provides a prediction of how much a fluorescent sample is likely to change due to exposure to sunlight.



Learn more:
www.byk-instruments.com/en/t/knowledge/Fluorescence



Data Analysis Software

Wireless. Boundless. Flawless.

Smart data analysis is the prerequisite for successful color quality management. Thus, the spectro2guide with smart-chart Software make a perfect couple and are always supplied together. The modern and intuitive software, documents and analyzes color data efficiently – tailor-made for routine process control in the production or flexible data analysis in the laboratory.



Smart Docking Station

Park. Charge. Control.

The spectro2guide comes complete with a docking station offering an auto diagnosis and an automatic calibration reminder to guarantee a reliable calibration. Moreover, the docking station can be used for data transfer and automatically charges the instrument.



BYK LED Technology

High-tech. Smart. Experienced.

The spectro2guide uses innovative, high performance LED technology as light sources. Smart testing combined with our long-standing experience guarantees an outstanding performance of the LEDs. Short-term, long-term and temperature stability as well as a homogeneous illumination spot are unsurpassed in the industry. As a result, a superior accuracy and excellent inter-instrument agreement allow use of digital standards – the key for global color management.

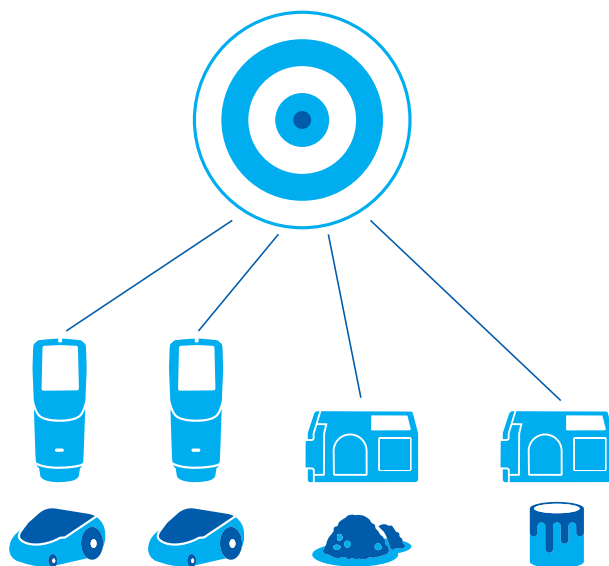
Global Color Management

Digital. Cross-Family. Pioneering.

Measurement needs are different within a supply chain. A paint or plastic pellet manufacturer prefers a benchtop instrument to repeatably measure panels or granulates in the laboratory, while finished goods need to be directly controlled at the production line where portable instruments are required. To set-up a seamless global color management system the same binding standards need to be used by all involved parties.

For the first time ever in the industry, digital standards can be exchanged between benchtop and portable color instruments. Due to the excellent intra-instrument agreement between color2view and spectro2guide, the seamless use of digital standards has become reality – without any extra-profiling.

The new generations of spectro2guide and color2view open up completely new horizons.



Short Description	spectro2guide Pro	spectro2guide		spectro2go		spectro2go XS
Catalog number	7087	7070	7075	7085	7086	7095
Color Geometry	45°c:0°	d:8° (spin/spex)	45°c:0°	45°c:0°	d:8° (spin/spex)	d:8° (spin/spex)
Measuring capability	Color Gloss Fluorescence Jetness	Color Gloss Fluorescence		Color Gloss		Color
Sample Port	12 mm					5 mm
Measuring Area	8 mm					4 mm
Spectral Range Colorimetric	400–700 nm, 10 nm resolution					
Measurement Range	0–170 % remission					
Repeatability Color	0.01 ΔE94 (10 consecutive measurements on white)					
Reproducibility Color	0.1 ΔE94 (average of 12 BCRA II tiles)					
Color Systems	CIE Lab/Ch, Lab(h), XYZ Yxy					
Color Differences	ΔE*; ΔE(h); ΔECMC; ΔE94; ΔE99; ΔE2000; E2000 PF; ΔE DIN6175-2019					
Color Indices	YIE313, YID1925, WIE313, CIE, Berger, Color Strength, Opacity, Metamerism, Grayscale					
Illuminants	A, C, D50, D55, D65, D75, F2, F6, F7, F8, F10, F11, UL30, CIE 015:2018 LED Illuminants					
Observer	2°, 10°					
Spectral Range Fluorescence	340–760 nm, 10 nm resolution			–		
Fluorescent Indices	ΔE FI, ΔEzero			–		
Jetness Indices	M _y , M _c , dM, G _y , G _c , dG	–				
Repeatability Jetness	Y ≤ ± 0.0005	–				
Reproducibility Jetness	Y ≤ ± 0.003 (Y<0.5)	–				
Gloss Geometry	60°					–
Gloss Aperture	5 × 10 mm					–
Repeatability Gloss 0–20	± 0.1 GU					–
Repeatability Gloss 20–100	± 0.2 GU					–
Reproducibility Gloss 0–20	± 0.5 GU					–
Reproducibility Gloss 20–100	± 1.0 GU					–
Memory	4,000 Standards and 10,000 Samples					
Languages	DE, EN, ES, FR, IT, JA, RU, ZH					
Interface	USB port, WiFi					
Battery	7.2 V, 2350 mAh, 16.92 Wh					
Weight	0.7 kg (1.5 lb)					
Dimensions: L × W × H	8.7 × 11 × 18.8 cm (3.4 × 4.3 × 7.4 in)					
Operating temperature	10–40 °C (50–104 °F)					
Relative humidity	Up to 85 % non-condensing at 35 °C (95 °F)					

Product	Comes complete with
spectro2guide Pro	Spectrophotometer, Docking station with built-in diagnosis standard, White calibration standard, Color checking tile, Gloss checking tile, Calibration standard for Jetness, Jetness checking tile, Certificate, Software with 2 licensees for download: smart-lab Color or smart-process Color, USB cable to connect docking station with PC, USB cable for data transfer, LED flashlight to check cleanliness, Protective cap, Hand strap, Manual, Carrying case,1-day training
spectro2guide	Spectrophotometer, Docking station with built-in diagnosis standard, White calibration standard, Color checking tile, Gloss checking tile, Certificate, Software with 2 licensees for download: smart-lab Color or smart-process Color, USB to connect docking station to PC, USB cable for data transfer, Protective cap, Hand strap, Manual, Carrying case,1-day training
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spectro2go XS	Spectrophotometer, White Calibration Standard, Color checking tile, Certificate, Software with 2 licensees for download: smart-lab Color or smart-process Color, USB cable for data transfer, Protective cap, Hand strap, Manual, Carrying case,1-day training