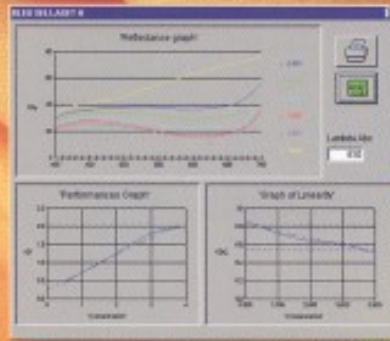


ProPalette® Silver Textile Color Control (TCC) System

*Accurate color
formulations...at around
half the price of
competitive systems*



For start-ups and smaller operations, we proudly introduce our ProPalette® Silver TCC – featuring the ColorEye® 2180UV high-precision spectrophotometer.

Improves profits and customer satisfaction

The entry-level TCC optimizes color matching, formulation, and production to give you:

- Better color matching
- Improved formulations
- Less scrap
- Reduced time-to-market.

Gain entry into profitable new markets

Leading apparel and home furnishings companies need dependable, cost-effective dyehouses that deliver the highest quality. The TCC system complies with industry standards and allows for future growth with a seamless transition to additional capabilities and features.

ProPalette Silver ... more features for your money

GretagMacbeth's TCC system includes the ProPalette Silver

software package for cost-effective color management. You get many of the capabilities of more expensive packages – at a fraction of the cost.

Quality control

- All color spaces
- Most common illuminants
- Graphical representations and printouts of differences, reflectance values, dyestuff standards
- Grey scale system
- Manual input and adjustment of reflectance values
- Whiteness/Yellowness indices
- Single and multiple measurements
- Dye strength analysis
- Adjustment of pass/fail tolerances
- 555 shade sorting
- Batch, recipe, and standard search process
- Data import and conversion from many other packages
- User-designed reports
- Dyestuff fastness analysis

Color management

- Laboratory correction
- M&S compatibility
- Assessment/sorting of match by weighted cost, metamerism, or delta E
- Selection of indices for correction
- Exhaust dyeing system
- Dyestuff cost calculations
- Dyestuff concentration input for minimum and maximum usage
- Fixed dyestuff usage input
- Grouping of dyestuffs for easy selection
- Dyestuff combination control
- Bulking – lab and production
- Substrate correlation
- Dyestuff-specific fastness and technical information input

Color measurement features

Illuminants	Color specifications	Observers	Indices	Grayscales
A CWF TL83 TL84 TL85 D50 D55 D65 D75 SPLHOR SPLD65 SPLD75 U30	CIELAB CIELch CMC (1:1) CMC (2:1)	2 degree 10 degree	CIE brightness Burger-B Stensby-B ASTM-313-B ASTM-313-G ASTM-1925-G	A-02 fastness A-03 degradation

ColorEye 2180UV specifications

Repeatability (white tile)	
Typical	0.04 RMS delta E CIEL*a*b*
Maximum	0.15 RMS delta E CIEL*a*b*
Interinstrument agreement	
Typical	0.12 Avg. delta E CIEL*a*b*+
Maximum	0.25 Avg. delta E CIEL*a*b*+
Agreement with ColorEye 7000A as measured in LAV	0.20 Avg. delta E CIEL*a*b*+ max.
Illumination	Pulsed Xenon D65
Spectral range	360 nm to 750 nm
Wavelength	10 nm
Photometric range	0% to ~ 180%
Photometric resolution	0.01%
Aperture	
Physical	0.55" (14 mm) circular diameter
Illuminated	0.55" (14 mm) circular diameter
Measured	0.39" (10 mm) circular diameter
Small Area of View (SAV)	5 mm circular diameter
Optical configurations	Diffuse/8° (illumination/measurement)
Dimensions	9.38" (23.8 cm) high x 7.13" (18.1 cm) wide x 14.75" (37.5 cm) deep
Weight	15 lbs. (6.8 kg)
Operating temperature	60°F to 90°F (15°C to 32°C)
Relative humidity	10% to 80% non-condensing
Electrical requirements	117 VAC / 50 – 60 Hz 230 VAC / 50 – 60 Hz

+ Average delta E of BCRA ceramic standards relative to GretagMacbeth standardized values under lab conditions. Specifications subject to change without notice.

ColorEye 2180UV...with new UV capability added

The ColorEye 2180UV is the most cost-effective, high-accuracy, sphere-based spectrophotometer in its class. It's also the only instrument in its class with an adjustable ultraviolet (UV) blocking filter that can be calibrated to the UV content found in D65 daylight. The result: more accurate color measurement of optically brightened samples.

Close interinstrument agreement with our ColorEye XTH, ColorEye 7000A, and other GretagMacbeth instruments makes the ColorEye 2180UV the smart choice for your textile color management system: labs, production facilities, cut and sew shops, merchandisers, and dyestuff providers all get the same values and speak the same color language.

Affordable enough to get you started now...scalable enough to grow with you later.

GretagMacbeth's TCC system is a scalable solution: as your business grows, simply add modules. The system easily expands to handle your changing needs – eliminating hardware and software obsolescence.

For a free TTC system demonstration, contact your GretagMacbeth representative today. The demonstration is free. And the price is right.



United States:
Switzerland:
United Kingdom:
Germany:
Hong Kong SAR:

617 Little Britain Road, New Windsor, NY 12553-6148, Tel: 800 622 2384, 914 565 7660 (Outside USA and Canada), Fax: 914 561 0267
Althardstrasse 70, CH-8105 Regensdorf, Tel: +41 1 842 24 00, Fax: +41 1 842 22 22
Macbeth House, Pacific Road, Altrincham, Cheshire WA14 5BJ, Tel: +44 161 926 9822, Fax: +44 161 926 9835
Siemenstrasse 11, D-63263 Neu Isenburg, Tel: +49 61 0279 570, Fax: +49 61 0279 5757
12 Wardley Centre, 9-11 Prat Avenue, Tsimshatsui, Kowloon, Tel: +852 2368 7738, Fax: +852 2368 6717

Visit our World Wide Web Site at www.gretagmacbeth.com

™ Trademark, © Registered Trademarks of GretagMacbeth LLC. GretagMacbeth is an ISO 9001 Certified Company.