

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

Color-Eye® 2180 Spectrophotometer

Precision Color Measurement In An Affordable Benchtop System

The GretagMacbeth Color-Eye 2180 spectrophotometer sets new standards for price/performance in an entry level color measurement system. This sphere-based, compact instrument combines affordability with true measurement accuracy and integrity. It's ruggedly constructed to stand up to the production floor environment and provide years of uncompromising performance.

The Color-Eye 2180 provides excellent agreement with other Color-Eye 2180 systems, as well as with the Color-Eye 580 portable spectrophotometer and the Color-Eye 7000A, the premier reference instrument in the industry. This compatibility throughout the line makes the Color-Eye 2180 the perfect choice for a color management network. You can build a network system in which color formulation labs, QC departments, separate production facilities, as well as suppliers all get the same values and speak the same color language.

Pulsed Xenon Light Source, The Ultimate In Reliability

The high-intensity pulsed xenon light source provides the finest illumination available, requires minimal maintenance, and ensures superior consistency when measuring dark or saturated colors. Additionally, the pulsed xenon source will not change the properties of some samples, whereas the heat and light intensity of tungsten halogen systems may.

Extra Convenience With Motorized SCE/SCI

Effortlessly measure pure color with SCI (specular component included), or simulate how the human eye responds to surface effects such as gloss or texture with SCE (specular component excluded).

Measurement Precision Instills Confidence

Reading accuracy is ensured time after time with the unit's built-in reference against which all samples are measured. The instrument automatically adjusts to fluctuations in voltage and changes in temperature to further ensure measurement consistency and long-term reliability.



Increase Efficiency From A Little Space

The exceptional performance of the Color-Eye 2180 is a result of GretagMacbeth's unmatched experience with sphere instrument technology. Numerous features make the unit easy to operate, including a convenient drop-down preview window that simplifies the reading of difficult-to-position samples. The Color-Eye 2180 requires just a little bit of space, but its measurement accuracy and repeatability can mean a big boost in productivity.

GretagMacbeth™

Specifications

Repeatability (white tile)	
(typical)	0.04 RMS ΔE CIEL*a*b*
(maximum)	0.15 RMS ΔE CIEL*a*b*
Interinstrument Agreement	
(typical)	0.12 Avg. ΔE CIEL*a*b*†
(maximum)	0.25 Avg. ΔE CIEL*a*b*†
Agreement with Color-Eye 7000A	
(as measured in LAV)	0.20 Avg. ΔE CIEL*a*b*† max.
Illumination	Pulsed xenon
Spectral Range	360 nm to 750 nm
Wavelength	10 nm
Photometric Range	0% to 150%
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" high, 7.13" wide, 14.75" deep
	(23.8 cm, 18.1 cm, 37.5 cm)
Weight	15 lbs. (6.8 kg)
Temperature (operating)	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 ΔE of BCRA ceramic standards relative to GretagMacbeth standardized values under lab conditions.
Specifications subject to change without notice.

For more information about the Color-Eye 2180 spectrophotometer, please contact your nearest GretagMacbeth representative.

GretagMacbeth™

United States: 617 Little Britain Road, New Windsor, NY 12553-6148, Tel: 800 622 2384, 914 565 7660 (Outside USA and Canada), Fax: 914 561 0267
Switzerland: Althardstrasse 70, CH-8105 Regensdorf, Tel: +41 1 842 24 00, Fax: +41 1 842 22 22
United Kingdom: Macbeth House, Pacific Road, Altrincham, Cheshire WA14 5BJ, Tel: +44 161 926 9822, Fax: +44 161 926 9835
Germany: Fraunhoferstrasse 14, D-82152 Martinsried, Munich, Tel: +49 89 85707 0, Fax: +49 89 85707 111
Hong Kong: 12A Wardley Centre, 9-11 Prat Avenue, Tsimshatsui, Kowloon, Tel: +852 2368 7738, Fax: +852 2368 6717

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

® Registered Trademark, ™ Trademark of GretagMacbeth. GretagMacbeth is an ISO 9001 Certified Company.

Part No. 982826 (4/97)

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP