

Be sure of the lighting conditions you are working under...

When you use the cal-COLOR Colormeter. Get fast and accurate measurements of color temperature, absolute chromaticity values, and illuminance of light sources and display areas.

Maintaining the same unique ergonomic design of our cal-LIGHT 400 lightmeter, the addition of our cal-COLOR 400 Calibrated Precision Colormeter enhances our existing line of light measurement instrumentation.

Be sure of the lighting conditions you are working under. It's easy to use, just

Point... Click... Done!

cal-COLOR uses four silicon photodiode sensors corrected to measure exactly like the human eye sees. Every cal-COLOR is certifiably calibrated and recognized by the National Institute of Standards and Technology, Gaithersburg, MD USA.

This competitively priced package comes complete with a cal-COLOR 400 Calibrated Precision Colormeter, calibration certificate, integral stand, instructions, carrying case and battery.

WHO?

- Architects
- Interior Designers
- Health and Safety Professionals
- Facility Managers
- Lamp Manufacturers
- Lighting Designers
- Landscape Architects
- Lighting Specifiers
- Contractors
- Developers
- Engineers
- Maintenance Personnel

WHERE?

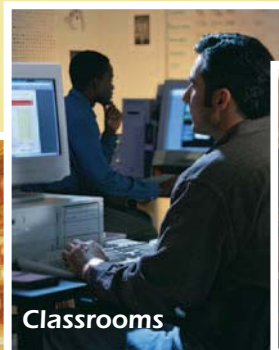
- Theatres
- Projection Halls
- Commercial Displays
- R & D
- Light Booths
- Museums/Art Galleries
- Schools
- Offices
- Libraries
- Stadiums
- Warehouses
- Arenas



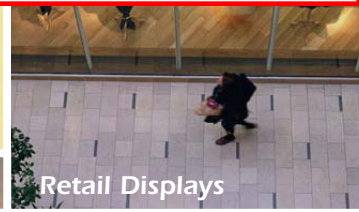
Theatres



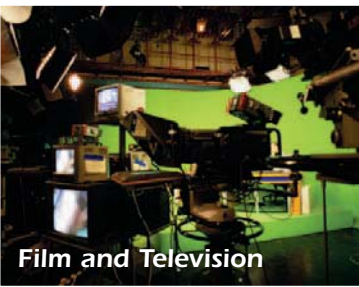
Projection Halls



Classrooms



Retail Displays



Film and Television



Conference Rooms



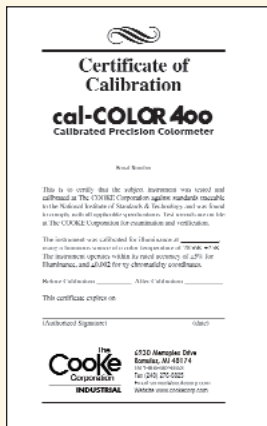
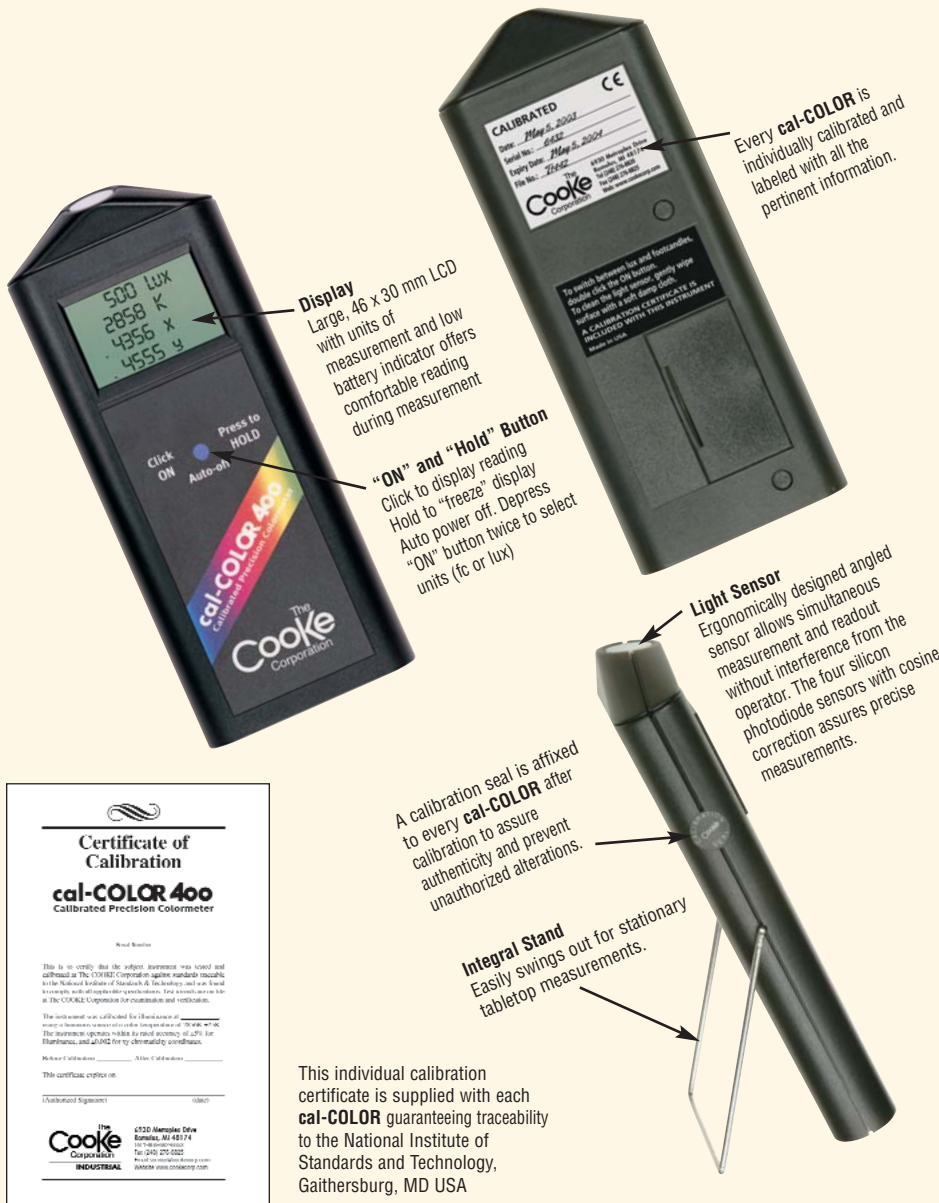
Hallways



Point... Click... Done!

cal-COLOR 400

Calibrated Precision Colormeter



This individual calibration certificate is supplied with each cal-COLOR guaranteeing traceability to the National Institute of Standards and Technology, Gaithersburg, MD USA

Ordering Information

cal-COLOR 400, Calibrated Precision Colormeter complete with calibration certificate, integral stand, instructions, carrying case and battery (included). CE certified, FOB Romulus, MI, USA.



Limited Warranty

All Models described in this brochure are warranted for twelve (12) months from date of purchase against electrical and mechanical defects in material and workmanship. Compliance with calibration is warranted for a minimum of twelve (12) months. This warranty does not apply to damage resulting from transportation, accidents, alteration, misuse, negligent handling, or operation with incorrect power supply. Any unit found to be defective within the warranty period will be repaired or replaced free of charge. Batteries are not covered by any part of this warranty. Liability is limited to repair or replacement of any unit found to be defective and there shall be no liability for any loss or damage (direct, indirect or consequential) arising from the use or loss of this unit.

This warranty set forth herein is exclusive and is in lieu of any and all other warranties expressed or implied including the warranties of merchantability and fitness. Price and specifications subject to change without notice.

Specifications

Measuring Range and Accuracies

Illuminance

Autoranges: 0.1 to 100,000 lux or 10,000 fc
Overall Accuracy: ±5% of displayed value

Color Temperature

Autoranges 1000 to 10,000K

Chromaticity Coordinates

x, y: 0 to 0.800 ±0.015

Units

User selectable units fc or lux by depressing the ON button twice

Auto-power Off

After approximately 1 minute

Calibration

Calibrations and re-calibrations are performed by The COOKE Corporation with traceability to the National Institute of Standards and Technology, Gaithersburg, MD USA

Light Sensor

Four Silicon Photodiode Sensors (Red, Green, Blue, Reference) with Cosine Correction. Diameter 20 mm, angled 70° from display face.

Display

Easy-read 46 x 30 mm LCD displays measuring units and battery diagnostics

Battery (included)

9V Alkaline
100 hours life in ON position
4 years life in OFF position

Temperature Range

Operation: 32° to 130°F (0° to 55°C)
Storage: -4° to 160°F (-20° to 70°C)

Carrying Case

Soft protective cover for safe storage and transport

Dimensions

9.5 x 3.0 x 1.2" (241 x 76 x 30 mm)

Weight

9.3 oz (265 g)

The
Cooke
Corporation
INDUSTRIAL

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