



The Judge® II

Convenient and Accurate Color Decisions

This compact visual color evaluation system provides the closest fluorescent daylight simulation available today in a construction that will meet your needs. The Judge II combines exceptional versatility and quality and offers the best value where space is an important consideration when evaluating color quality and uniformity.

The Judge® II

Improve Color Rendering

By combining ultraviolet with the daylight source, the Judge II achieves the closest match to natural daylight available in a fluorescent source while delivering the highest Color Rendering Index (CRI) in the industry. The unique Seven-phosphor fluorescent daylight lamp technology of the Judge II renders color more accurately than typical three phosphor technology which accents blues and greens while suppressing reds. This results in less accurate color matches.

Increase Color Approvals With Multiple, Switchable Light Sources

Five different light sources provides the ability to detect metamerism, a phenomenon which occurs when colors appear to match under one set of viewing conditions but fail to match under another. And, the ultraviolet lamp can be used by itself or in combination with any of the light sources for the detection or evaluation of optical brighteners, whitening agents or fluorescent dyes and pigments.

Whether you are matching textiles, plastics, printing, inks, dyes, paints or cosmetics, the many advanced features of the Judge II will help you make critical color decisions with greater ease and confidence.

Conforms To International Standards

The Judge II conforms to or exceeds all major international standards for the visual evaluation of color. These include ASTM D1729 for visual evaluation of color differences of opaque materials, ISO 3664 for illumination conditions for viewing reproductions, as well as DIN, AATCC and BSI standards.

Specifications

The Judge II

Cabinet Color	Munsell N7
Dimensions	Height: 21.85" (55.5 cm) Width: 26.5" (67.3 cm) Depth: 20.5" (52.1 cm)
Viewing Area	Height: 17.85" (45.3 cm) Width: 24" (61 cm) Depth: 19.30" (49 cm)
Weight	50 lbs. (22.7 kg)
Electrical Power Requirements	110v, 117v, 220v 240v 50-60 Hz
Illuminant Sources	
Daylight Options*	7500K, CIE D75 North Sky Daylight 6500K, CIE D65 Average North Sky Daylight 5000K, CIE D50 Noon Sky Daylight
Fluorescent Options*	Cool White (4150K), U30 (3000K), U35 (3500K), TL84 Typical Store/Office Lighting
Illuminant "A"	2856K, Typical Incandescent Home Lighting
Ultraviolet	Filtered Near UV

* Choice of daylight and fluorescent source. The choice of a specific daylight and fluorescent source should be based on the standard governing your industry or application.

Specifications subject to change without notice.

Daylight D65



Cool White Fluorescent



Illuminant "A" (Incandescent)



TL 84



To learn more about the Judge II viewing booth, contact your Macbeth representative.

The Judge II is supplied with a Certificate of Performance with traceability to NIST (National Institute of Standards and Technology). We offer Preventive Maintenance and Certification Service for your Judge II viewing booth. This factory authorized service has been established to provide you with the assurance that the system meets the specified requirements for color rendering quality, which is essential for visual evaluation or color matching. Factory certification, which satisfies the requirements for ISO 9000, is recommended once a year.

X-RITE WORLD HEADQUARTERS

Grand Rapids, Michigan USA • (800) 248-9748 • +1 616 803 2100
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Macbeth Lighting



xrite.com