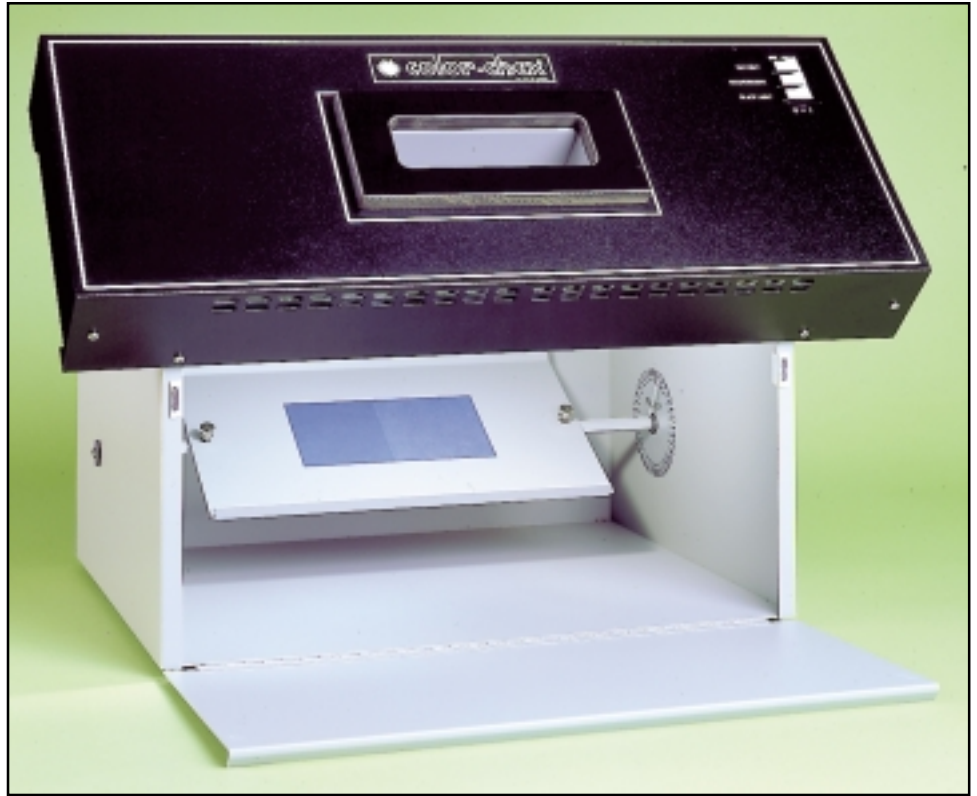


Color-ChexTM

PRECISION VISUAL COLOR MATCHING



APPLICATION

The Atlas Color-Chex is used for performing accurate visual color matching of paint, plastic, cloth, cosmetic, ink and dye samples. Its unique design eliminates the errors introduced by different observers and viewing angles, as well as those caused by extraneous light, reflectance and inconsistent viewing geometry.

The Color-Chex operates with three light sources: incandescent, black-light (for checking fluorescing characteristics) and fluorescent. Four different fluorescent lamp types are available: Northlite D75, Daylite, Cool White and Krome 50. The unit may be switched to select any combination of available lamps.

FEATURES

Enclosed Viewing Chamber - Closed chamber prevents interference by stray room light, and Munsell Gray N6.5-7 surround minimizes internal reflection.

Viewing Port - All observations are made at the same viewing angle and distance from the specimen.

6 Lamp Types - Multiple lamps allow you to meet many government and industrial color matching specifications.

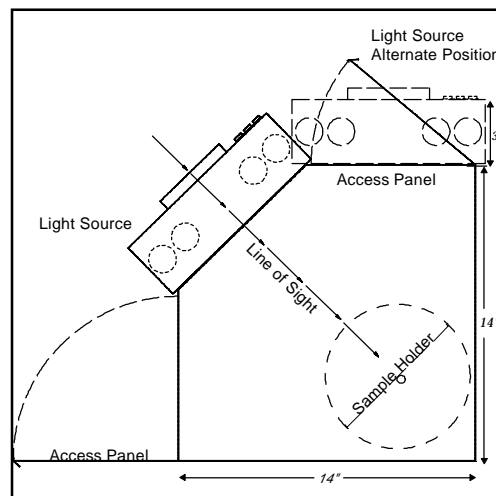
Convertible Light Source- Moveable lamp module may be positioned for viewing specimens in an enclosed chamber or may be mounted atop the unit for ordinary viewing operation.

DESCRIPTION

Specimens are mounted on the holder behind a masking plate that permits viewing of only the colors to be matched (specimen viewing area is 75 mm x 150 mm (3" x 6")). They are then rotated to the proper viewing angle, eliminating specular gloss. This allows better matching between mat and glossy surfaces, without the need for wetting flat finishes.

Three switches provide easy selection of incandescent, fluorescent or black light lamps. The specimens are compared and the viewing angle may be recorded from the convenient angle indicator inside the chamber. The next specimens to be compared are easily loaded by opening the hinged front cover.

The Color-Chex™ can be converted to a traditional viewing booth by moving the light source assembly to the top of the chamber. This provides a vertical illumination angle.



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Models are available which comply to CE requirements.

Information is subject to change without notice.
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LAMPS

Incandescent - provide a correlated color temperature of approximately 2300 K and more than 1600 lux upon the specimens.

Black Light Fluorescent - used to check fluorescing characteristics.

Northlite Fluorescent - D75 lamps meet general requirements of many industrial and government color matching specifications requiring a 7500 K source.

Daylite Fluorescent - closely match the D65 specification of the International Commission of Illumination (CIE). Recommended as most typical of natural daylight.

Krome 50 Fluorescent - have a 5000 K correlated color temperature and are widely required in color photography work.

F15T8/CW Fluorescent - a cool white source used for simulation of typical store or office lighting.

No lamps included. Requires two matching fluorescent, two incandescent, and one black light.

SPECIFICATIONS

Color Chex™ Model CC-2

Dimensions: 56cm W x 39cm D x 44cm H
(22" W x 15.25" D x 17.25" H)

Weight: 14.5 kg (32 lbs)

Electrical: 115 V, 60 Hz or 230 V, 50 Hz

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