

CMB CRITICAL COLOR INSPECTION BOOTHS



CMB-3052

Complies with these standards:
ASTM D1729 • SAEJ361 • Tappi 7515
• BS-950 Part 2 • ASI 1580.6001.1



A height-adjustable floor stand with casters is available for all sizes.

For Color Inspection and Matching

Use for inks, paints, paper, plastics, textiles, colorants and all colored materials

The CMB series presents color matching systems designed to deliver every option and feature you need to evaluate and communicate color with absolute confidence. The three standard sizes will accommodate nearly any sample size (if not, larger custom sizes are available).

tion of metamerism (when color samples appear to match under one illumination condition but distinctly change when viewed under another one). All GTI® color matching booths are supplied with a certificate of product conformance (NIST®-traceable).



Included sidewalls can be removed

Multiple light sources provide an essential tool for visual color assessment, comparison of color variation and detec-

Three Standard Viewing Area Sizes

CMB-2028 20x28"/51x71cm
CMB-2540 25x40"/64x102cm
CMB-3052 30x52"/76x132cm

Units can be combined for increased width. Larger custom sizes are also available.

Numerous Exceptional Features



GTI ColorGuard II®

- Tracks all light source usage
- Indicates when to relamp



Digital Programmable Control

The new digital control provides "instant-on" light source selection.

Five Light Sources

- Artificial daylight (D65, D75 or D50)
- Store light (CWF or TL84)
- Home light (incandescent A)
- Ultraviolet light
- Optional source (D50, 30U, TL84, TL83, Horizon)

Other Features

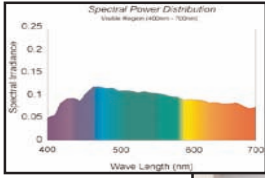
- Push-button "instant-on" lamp selector
- Automatic light source sequencing
- Munsell N7/ grey surround
- Optional stand, drawer and cabinet accessories

A portable PDV-2e/M model with four light sources is also available. See our specific product brochure for additional information on it.



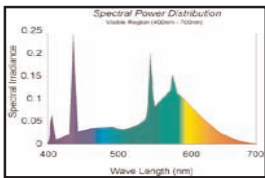
Standard Illuminants

The spectral power distribution of typical illuminants specified for visual color matching is shown below. Note the significant differences in shape which enhance detection of metamerism.



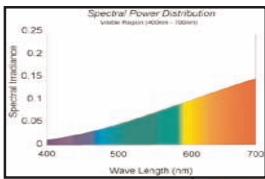
DAYLIGHT (CIE D65, 6500K)
Full spectrum

and color balanced for critical color evaluation and color communication



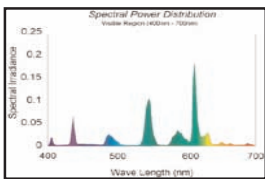
STORE LIGHT
CWF (4100K)
Green/yellow

bias, high lumens/watt, energy-efficient



HOME LIGHT
Incandescent (CIE 'A', 2856K)

Red/orange bias, tungsten filament source



OPTIONAL TL83 (3000K)
Green bias,

triphosphor narrow band, energy-efficient



UV used with or without visible sources. Allows for the detection of optical brighteners, whitening agents and fluorescent dyes or pigments.

Floor Stand and Storage Accessories



Floor Stand
Height-adjustable floor stand on casters (models FS-2028, FS-2540, FS-3052)



Storage Cabinet
Available for models CMB-2540 or CMB-3052. Can be used with single (1F) or double (2F) drawer, or riser (TS).



File Drawers
Single deep (1F) or double shallow (2F) drawers for all models. Can be used with or without floor stands and cabinets.



Flat Files
Available for models CMB-2540 or CMB-3052. Can be used with single (1F) or double (2F) drawer, or riser (TS).

| Model | Description (height x width x depth) | Physical Dimensions (height x width x depth) | Operation |
|----------|--------------------------------------|--|-----------|
| CMB-2028 | 19x28x20"/48x71x51cm | 24.75x30x21.5"/63x76x55cm | 225 watts |
| FS-2028 | Stand for CMB-2028 | Adjustable table height: 32-48"/81-122cm | |
| CMB-2540 | 25x40x25"/64x102x64cm | 31x42x26.75"/79x107x68cm | 602 watts |
| FS-2540 | Stand for CMB-2540 | Adjustable table height: 32-48"/81-122cm | |
| CMB-3052 | 30x52x30"/76x132x76cm | 36x54x31.5"/91x137x80cm | 788 watts |
| FS-3052 | Stand for CMB-3052 | Adjustable table height: 32-48"/81-122cm | |

Viewing Accessories



Model VS-45
45° viewing stand in Munsell N7/ grey



Matte Black Insert Panels
Set for sidewalls, rear wall, floor panel



Model CRD
Helpful tool designed for demonstrating and communicating the dramatic visual color effects of different light qualities on identical color samples

Additional Products for Color Matching



MiniMatcher®
Color matching booths



PDV-2e/M
Portable color matching unit with four light sources



GLE-M For large sample color evaluation, color matching overhead luminaires with 4 and 5 light sources

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