

CMB COLOR MATCHING BOOTHS

Evaluate the color of samples under different light sources

Industry standards require that viewing booths meet strict specifications regarding color quality, light intensity, evenness of illumination, viewing and illumination geometry, and surround conditions.

Meeting Industry Standards

The ColorMatcher® series is designed to meet all industry requirements by conforming to these viewing standards: ASTM D1729, ISO 3668, SAE J361, BS-950, AS 1580, AATCC Procedure #9, TAPPI T-515 and TAPPI T-1212. All booths are supplied with a certificate of product conformance (NIST-traceable).

Control Panel



The lamp selector buttons light to indicate the light source in use. The automatic light source sequencing feature allows selected light sources to be programmed to stay on for a fixed period, which is helpful to detect metamerism. An elapsed time meter is included for the daylight source to help determine when the daylight lamps need to be replaced.

ColorGuard II



ColorGuard® II tracks the usage of each light source and indicates when the lamps must be changed to remain compliant with industry standards.

ColorMatcher viewing booths allow visual color inspections with confidence. Four model sizes are available to accommodate nearly any size sample (as indicated on the following page).



Model CMB-2540

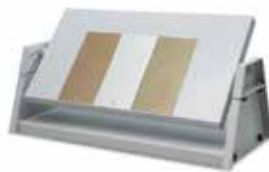
Selection of 5 Light Sources

- Daylight (D65*, D75 or D50)
- Fluorescent light (cool white fluorescent* or TL84)
- Home light (incandescent A*)
- Optional light sources (D50, D75, SPX35, TL84, TL83*, horizon or LED)
- Ultraviolet* (UVA BLB)

**Shipped with these light sources unless otherwise specified*

Accessories

Viewing Table



45° and variable angle tables are offered for viewing flat samples

Directional FX Light



Available for evaluating gonio-apparent coatings

Matte Black Inserts



Inserts for improved viewing of highly specular and dark objects



CMB-2540 with optional stand and double shallow drawers

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Specifications				
Model	CMB-2028	CMB-2540	CMB-3052	CMB-3064
Viewing Area height x width x depth	19 x 28 x 20"/ 48 x 71 x 51cm	25 x 40 x 25"/ 64 x 102 x 64cm	30 x 52 x 30"/ 76 x 132 x 76cm	30 x 64 x 30"/ 76 x 163 x 76cm
Physical Dimensions height x width x depth	24.75 x 30 x 21.5"/ 63 x 76 x 55cm	31 x 42 x 26.75"/ 79 x 107 x 68cm	36 x 54 x 31.5"/ 91 x 137 x 80cm	36 x 66 x 31.5"/ 91 x 168 x 80cm
Electrical Power	143 watts	284 watts	410 watts	568 watts

Units can be combined for increased width, and larger, custom-sized units are available.

Floorstand and Storage Accessories



At left, CMB-2540 with floorstand and, at right, with floorstand and table riser

- Floorstands on casters are available for all models and are height-adjustable at set-up.
- Single deep (1F) or double shallow (2F) file drawers are available and can be used with or without floorstands and cabinets.
- Storage cabinets are available for models CMB-2540 and CMB-3052. Cabinets can be combined with single (1F) or double (2F) drawers or a table riser (TS).
- Flat files are available for CMB-2540 and CMB-3052 models. Flat files can be combined with single (1F) or double (2F) drawers or a table riser (TS).



CMB-2540 with double file drawers (2F-2540) and storage cabinet (SC-2540)



CMB-2540 with single file drawer (1F-2540) and cabinet with 8 file drawers (FD-2540)



Wide Selection of Color Matching Booths

Should your requirements be for a smaller format, please request information on our MiniMatcher models shown on the left.

From top to bottom: models MM-2436e, MM-2448e, MM-2460e

Lower row (from left to right): MM-4e, MM-2e, MM-1e

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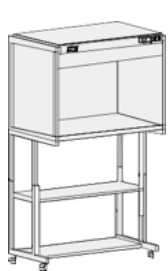
Tel: 305/718-9941 • E-mail: grafitec@grafitec.com

www.grafitec.com

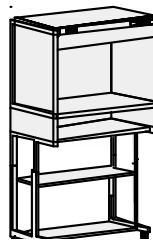
ORDERING GUIDE

Choose one of the packages shown below or create your own

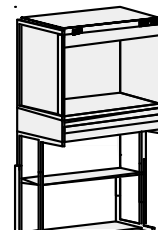
Model	Table Risers/Flat File Drawers Height: 8"/20cm	Floor Stands and Storage Height: 32"/81cm
Model CMB-2028 Viewing Area: 20x28"/51x71cm	Model TS-2028 Model TS-2540 Model TS-3052 Model TS-3064	Model FS-2028 Model FS-2540 Model FS-3052 Model FS-3064 Table riser optional (Model TS) to raise the unit. Height adjustable: 32-48"/81-122cm
Model CMB-2540 Viewing Area: 25x40"/64x102cm	Model 1F-2028 Model 1F-2540 Model 1F-3052	Model FD-2540 Model FD-3052 Requires table riser option (Model TS, 1F or 2F) to raise the unit
Model CMB-3052 Viewing Area: 30x52"/76x132cm	Model 2F-2028 Model 2F-2540 Model 2F-3052	Model SC-2540 Model SC-3052 Requires table riser option (Model TS, 1F or 2F) to raise the unit
Model CMB-3064 Viewing Area: 30x64"/76x162cm		



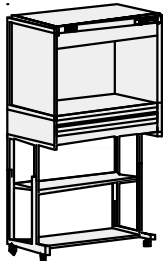
C28-A
Model: CMB-2028/FS
C40-A
Model: CMB-2540/FS
C52-A
Model: CMB-3052/FS
C64-A
Model: CMB-3064/FS



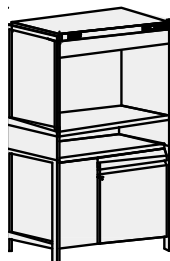
C28-B
Model: CMB-2028/FS
TS-2028
C40-B
Model: CMB-2540/FS
TS-2540
C52-B
Model: CMB-3052/FS
TS-3052
C64-B
Model: CMB-3064/FS
TS-3064



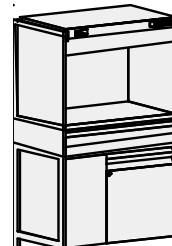
C28-C
Model: CMB-2028/FS
1F-2028
C40-C
Model: CMB-2540/FS
1F-2540
C52-C
Model: CMB-3052/FS
1F-3052



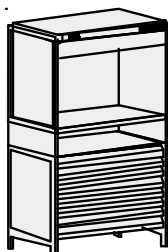
C28-D
Model: CMB-2028/FS
2F-2028
C40-D
Model: CMB-2540/FS
2F-2540
C52-D
Model: CMB-3052/FS
2F-3052



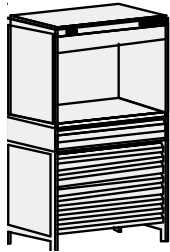
C40-E
Model: CMB-2540
TS-2540
SC-2540
C52-E
Model: CMB-3052
TS-3052
SC-3052



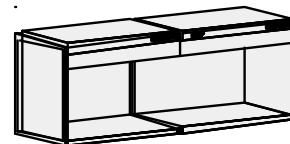
C40-F
Model: CMB-2540
1F-2540
SC-2540
C52-F
Model: CMB-3052
1F-3052
SC-3052



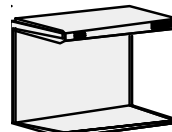
C40-G
Model: CMB-2540
TS-2540
FD-2540
C52-G
Model: CMB-3052
TS-3052
FD-3052



C40-H
Model: CMB-2540
1F-2540
FD-2540
C52-H
Model: CMB-3052
1F-3052
FD-3052



C82-I
Model: CMB-2582
(2 - CMB-2540)
C106-I
Model: CMB-30106
(2 - CMB-3052)



CMB is shown with sidewalls removed

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