gti

GTI MiniMatcher® Series
Color Viewing & Inspection Systems

Compact Multi-Source Viewing Systems For The Inspection And Color Discrimination Of:

Inks, Paints, Plastics, Textiles, Paper, Colorants, and other colored materials...

Model: MM-1e

Model: MM-2e

Ideal for:
Cosmetics, Coatings, Printing & Packaging, Advertising & Graphic Design, Interior & Fashion Design

MM-1e & MM-2e: Compact, Affordable & Effective

Three Standard Light Sources..
(ASTM D1729 Compliant)

1. Artificial Daylight (D65 or D50)
2. Store Light (CWF or TL84)
3. Home Light (Incandescent A)
    plus the option of Ultraviolet (UVA BLB)

The MM-1e and MM-2e provide three spectrally dissimilar sources of illumination to assure accurate visual color assessment and color comparison as well as easy detection of metamerism.* Both models are simple to operate - using individual rocker switches for each source - and can be set up in minutes without tools. An optional elapsed time meter to monitor usage of the daylight source is also available.

Model: MM-1e

MM-4e, MM-2448e & MM-2460e: Top of the Line

Five Standard Light Sources..
(ASTM D1729 Compliant)

1. Artificial Daylight (D65 or D50)
2. Store Light (CWF or TL84)
3. Home Light (Incandescent A or Horizon)
4. Your Choice** (D50, 30U, TL84, TL83)
5. Ultraviolet (UCA BLB)
    plus built-in Daylight lamp timer

These systems provide five spectrally dissimilar sources of illumination for accurate visual color assessment and color comparison, duplication of your clients' lighting environment, as well as easy detection of metamerism*. Includes an illuminated push button control which confirms your selected source, and is easily programmable to provide one touch automatic light source sequencing (automatic sequencing provides a fixed viewing time period for each source for improved process consistency).

** Optional Source wil be TL83 3000K unless otherwise specified.

Model: MM-4e

Push Button Control
"Instant ON" Light Source Selection
Automatic Source Sequencing (MM-4e)

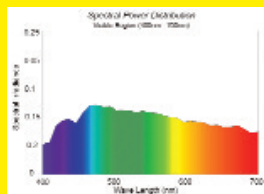Rocker Switches are easy to use and highly reliable (MM-1e & MM-2e)

If your business depends on color correct products, you can depend on the GTI MiniMatcher Color Viewing System!

* metamerism- when color samples appear to match under one illumination condition but distinctly change when viewed under a different illumination condition
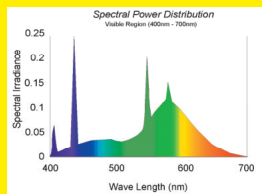
cmlite
color matching systems

Standard Illuminants

The spectral power distribution of typical illuminants specified for visual color matching are shown below. Note the significant differences in shape which enhance detection of metamerism. GTI's ColorMatcher D65 lamp is specially formulated to deliver extremely accurate D65 light quality and provides near A rating for MI(vis) and a C rating for MI(uv) plus a CRI over 98.
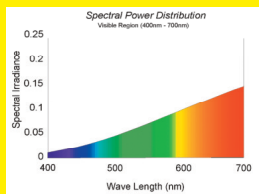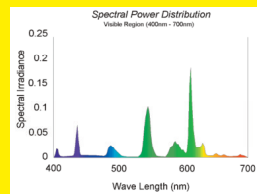

DAYLIGHT (CIE D65, 6500K)
Full Spectrum & Color Balanced
For Critical Color Evaluation &
Color Communication

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 (Included with
MM-4e, 2448e, and 2460e; available as
a substitute on MM-1e and 2e.)

UV used with or without visible sources. Allows detection of optical brighteners, whitening agents, and fluorescent dyes or pigments.
FX Option - directional light source for evaluating gonio-apparent coatings

MM–2e: Viewing Area 13.25"h x 18"w x 10"d (34 cm x 46 cm x 25 cm) Munsell N7/ neutral gray surround

Model	Light Sources
→ MM-2e/65	D65 Daylight, Cool White Fluorescent*, Incandescent
→ MM-2e/50	D50 Daylight, Cool White Fluorescent*, Incandescent
→ MM-2eUV/65	same as MM-2e/65 plus independently controlled UV
→ MM-2eUV/50	same as MM-2e/50 plus independently controlled UV

note: 230 volt units provided with TL84

MM–1e: Viewing Area 14.25"h x 24"w x 13.25"d (36 cm x 61 cm x 34 cm) Munsell N7/ neutral gray surround

Model	Light Sources
→ MM-1e/65	D65 Daylight, Cool White Fluorescent*, Incandescent
→ MM-1e/50	D50 Daylight, Cool White Flourescent*, Incandescent
→ MM-1eUV/65	same as MM-1e/65 plus independently controlled UV
→ MM-1eUV/50	same as MM-1e/50 plus independently controlled UV

note: 230 volt units provided with TL84

MM–4e: Viewing Area 14.25"h x 24"w x 16"d (36 cm x 61 cm x 41 cm) Munsell N7/ neutral gray surround
MM–2448e: Viewing Area 22.75"h x 48"w x 23"d (58 cm x 122 cm x 58 cm) Munsell N7/ neutral gray surround
MM–2460e: Viewing Area 22.75"h x 60"w x 23"d (58 cm x 152 cm x 58 cm) Munsell N7/ neutral gray surround

Standard Light Sources	120 Volt Models	230 Volt Models
→ Daylight*:	Artificial Daylight (D65)	Artificial Daylight (D65)
→ Store Light:	Cool White Fluorescent	TL84 Fluorescent
→ Home Light:	Incandescent (Illuminant A)	Incandescent (Illuminant A)
→ Optional*:	TL83 3000K standard	TL83 3000K standard
→ Ultraviolet:	UVA (BLB)	UVA (BLB)

* Other fluorescent viewing sources can be substituted upon request

MiniMatcher Accessories

VS-45
45" Viewing Stand
Munsell N7/ Gray

IP-1e / 2e / 4e
Matte Black Insert Panel Set (includes
side walls, rear walls, floor panels)

Additional Color Matching Products

GLE-M Color Matching Overhead
Luminaire Systems

CMB Premier Color
Matching Systems

For over 30 years, GTI Graphic Technology, Inc. has been designing and manufacturing lighting systems for visual color appraisal and critical color communication. More recently, GTI has been the OEM manufacturer of critical color matching systems for several well-known quality control and color formulation system suppliers. GTI is also the leading provider of critical color viewing systems for graphic arts and photographic applications. All products are tested and certified by an in-house radiometric laboratory to assure the accuracy and consistency that demanding color production requires.

The MiniMatcher series provides state-of-the-art technology, unparalleled viewer-to-viewer compatibility, and the most accurate match to industry standard aim-points on the market. If you are serious about your color quality, GTI is your best choice for color-critical lighting systems.

To learn more, visit us on the web at www.gtilite.com, call at 888-562-7066, or e-mail at sales@gtilite.com

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**true light
true color**