

Elcometer 6300 Colour Assessment Cabinets



Elcometer 6300 Colour Assessment Cabinet

At a glance

- Range of sizes & light sources available to meet your specific requirements.
- Manual operation or digital programmable sequencing.
- Available in UK 240V, EURO 230V and US 110V options

Elcometer 6300 Colour Assessment Cabinets.

The Elcometer 6300 range of Colour Assessment Cabinets provide a controlled environment for viewing colour samples and are suitable for any industry where there is a need to maintain colour consistency and quality. These include paint, textiles, automotive, ceramics, cosmetics, dyeing, food, footwear, inks, packaging, printing etc.

The Elcometer 6300 cabinets also allow the easy detection of metamerism. Metamerism is commonly discussed in the terms of illuminants, where two samples that are spectrally matched (exactly the same) match under one illuminant, but not another. For example two car door panels appear the same colour in daylight, but under a streetlight at night appear completely different colours.

The Elcometer 6300 range have a choice of 3, 4 or 5 light source cabinets in a range of sizes and functionality to suit your particular requirements.

- Light sources can be controlled, sequenced and programmed independently of each other.
- Accurate colour comparison as well as easy detection of metamerism.
- Constructed of fabricated steel, the Elcometer 6300 range significantly is lighter than MDF light cabinets available on the market.

Colour

When assessing colour, industry standards require that viewing conditions meet strict specifications with regard to colour quality, light intensity, evenness of illumination, viewing / illumination geometry and surround conditions.

The Elcometer 6300 range of colour assessment cabinets assure accurate visual colour assessment and colour comparison as well as easy detection of metamerism.

Any industry that uses colour, can benefit from using Elcometer 6300 Light Cabinets to ensure their colour samples match under different lighting conditions.

Complies with the following standards:

ASTM D1729
SAE J361
Tappi 7515
BS-950 Part 2
AS 1580.6001.1

Light sources include:

D65—Artificial Daylight
TL84 / CWF—Euro / USA point of sale illumination
Illuminant A—Filament bulbs found in domestic environments
TL83—Alternative point of sale light
UV—ultraviolet

Specifications

Model	Number of Light Sources				
	D65	TL84 or	Illuminant A	UV	TL83
Elcometer 6300 MM-1E	●	●	●		
Elcometer 6300 MM-1EUUV65	●	●	●	●	
Elcometer 6300 MM-2E	●	●	●		
Elcometer 6300 MM-2EUUV65	●	●	●	●	
Elcometer 6300 MM-4E	●	●	●	●	●
Elcometer 6300 CMB-2028	●	●	●	●	●
Elcometer 6300 CMB-2540	●	●	●	●	●
Elcometer 6300 CMB-3052	●	●	●	●	●

Model	Control Type	Lamp Timer	Dimensions (HxWxD)
Elcometer 6300 MM-1E	Manual	Optional	483x660x432mm / 19x26x17"
Elcometer 6300 MM-1EUUV65	Manual	Optional	483x660x432mm / 19x26x17"
Elcometer 6300 MM-2E	Manual	Optional	457x580x330mm / 18x20x13"
Elcometer 6300 MM-2EUUV65	Manual	Optional	457x580x330mm / 18x20x13"
Elcometer 6300 MM-4E	Digital	Standard	483x685x483mm / 19x27x19"
Elcometer 6300 CMB-2028	Digital	Standard	635x762x559mm / 25x30x22"
Elcometer 6300 CMB-2540	Digital	Standard	787x1067x686mm / 31x42x27"
Elcometer 6300 CMB-3052	Digital	Standard	914x1372x787mm / 36x54x31"

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Ordering

Part Number	Description
K0006300M001	Elcometer 6300 MM-2E Light Cabinet EUR 230V
K0006300M002	Elcometer 6300 MM-1E Light Cabinet EUR 230V
K0006300M003	Elcometer 6300 MM-4E Light Cabinet EUR 230V
K0006300M004	Elcometer 6300 CMB-2028 Light Cabinet EUR 230V
K0006300M005	Elcometer 6300 CMB-2540 Light Cabinet EUR 230V
K0006300M006	Elcometer 6300 CMB-3052 Light Cabinet EUR 230V
K0006300M201	Elcometer 6300 MM-2E UV/65 Light Cabinet EUR 230V
K0006300M202	Elcometer 6300 MM-1E UV/65 Light Cabinet EUR 230V
K0UK6300M001	Elcometer 6300 MM-2E Light Cabinet UK 230V
K0UK6300M002	Elcometer 6300 MM-1E Light Cabinet UK 230V
K0UK6300M003	Elcometer 6300 MM-4E Light Cabinet UK 230V
K0UK6300M004	Elcometer 6300 CMB-2028 Light Cabinet UK 230V
K0UK6300M005	Elcometer 6300 CMB-2540 Light Cabinet UK 230V
K0UK6300M006	Elcometer 6300 CMB-3052 Light Cabinet UK 230V
K0UK6300M201	Elcometer 6300 MM-2E UV/65 Light Cabinet UK 230V
K0UK6300M202	Elcometer 6300 MM-1E UV/65 Light Cabinet UK 230V
K0US6300M001	Elcometer 6300 MM-2E Light Cabinet US 110V
K0US6300M002	Elcometer 6300 MM-1E Light Cabinet US 110V
K0US6300M003	Elcometer 6300 MM-4E Light Cabinet US 110V
K0US6300M004	Elcometer 6300 CMB-2028 Light Cabinet US 110V
K0US6300M005	Elcometer 6300 CMB-2540 Light Cabinet US 110V
K0US6300M006	Elcometer 6300 CMB-3052 Light Cabinet US 110V
K0US6300M201	Elcometer 6300 MM-2E UV/65 Light Cabinet US 110V
K0US6300M202	Elcometer 6300 MM-1E UV/65 Light Cabinet US 110V
KT006300P001	Elcometer 6300 MM-2E Lamp Kit EUR 230V
KT006300P002	Elcometer 6300 MM-1E Lamp Kit EUR 230V
KT006300P003	Elcometer 6300 MM-4E Lamp Kit EUR 230V
KT006300P004	Elcometer 6300 CMB-2028 Lamp Kit EUR 230V
KT006300P005	Elcometer 6300 CMB-2540 Lamp Kit EUR 230V
KT006300P006	Elcometer 6300 CMB-3052 Lamp Kit EUR 230V
KT006300P201	Elcometer 6300 MM-2E UV/65 Lamp Kit EUR 230V
KT006300P202	Elcometer 6300 MM-1E UV/65 Lamp Kit EUR 230V
KTUK6300P001	Elcometer 6300 MM-2E Lamp Kit UK 230V
KTUK6300P002	Elcometer 6300 MM-1E Lamp Kit UK 230V
KTUK6300P003	Elcometer 6300 MM-4E Lamp Kit UK 230V
KTUK6300P004	Elcometer 6300 CMB-2028 Lamp Kit UK 230V
KTUK6300P005	Elcometer 6300 CMB-2540 Lamp Kit UK 230V
KTUK6300P006	Elcometer 6300 CMB-3052 Lamp Kit UK 230V
KTUK6300P201	Elcometer 6300 MM-2E UV/65 Lamp Kit UK 230V
KTUK6300P202	Elcometer 6300 MM-1E UV/65 Lamp Kit UK 230V
KTUS6300P001	Elcometer 6300 MM-2E Lamp Kit US 110V
KTUS6300P002	Elcometer 6300 MM-1E Lamp Kit US 110V
KTUS6300P003	Elcometer 6300 MM-4E Lamp Kit US 110V
KTUS6300P004	Elcometer 6300 CMB-2028 Lamp Kit US 110V
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KTUS6300P006	Elcometer 6300 CMB-3052 Lamp Kit US 110V
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KTUS6300P202	Elcometer 6300 MM-1E UV/65 Lamp Kit US 110V

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