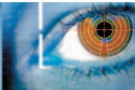


colour assessment cabinets



www.hcl-asia.com.hk



CAC Portable



CAC 120



CAC 60

Colour Assessment Cabinets

VeriWide Colour Assessment Cabinets (CAC) create the perfect alternative to natural daylight. With the use of nine phosphors and calculated to the CIE S1 standard, the cabinet produces the best fluorescent D65 daylight simulator with the highest Colour Rendering Index (CRI) available to the colour viewing world. The CAC range has been developed for the visual assessment of colour in accordance with the British Standard 950 Part 1 directives and International Standards.

The cabinets are suitable for all industries and applications where there is a need to maintain colour consistency and product quality, e.g: Textile, Automotive, Ceramics, Cosmetics, Dyeing, Food, Footwear, Furniture, Ink, Kithwear, Leather, Ophthalmic, Packaging, and Printing.

Our CAC cabinets offer a maximum choice of up to 5 light sources, from a selection of the CIE Illuminants, Point of Sale Illuminant and Ultra-Violet. With multiple light sources it enables you to detect metamerism, where a colour seems to match under one light source but is clearly different under another. For more information see Data Sheet/pdf - Lamp Options.

To optimise consistency of viewing conditions the CAC range incorporates interlocked membrane switching with electronic ballasts, a specially selected white reflector, and a neutral matt grey interior finish together with a built in time elapsed meter for scheduling the replacement of lamps.

colour assessment
cabinets DATA





Below is an illustration of a typical product order code for a Colour Assessment Cabinet (CAC). To create your own product order code, simply fill in the blue boxes in **Table 1** by following the quick step-by-step guide below, or visit www.verivide.com where the process is fully automated within the product catalogue section.

Typical Product Order Code

Style	Size	Light Source 1	Light Source 2	Light Source 3	Light Source 4	Light Source 5	Interior Colour	Voltage
CAC	80	D65	TL84	F	UV	-	G5574	230v

Table 1 – Your Product Order Code

Style	Size	Light Source 1	Light Source 2	Light Source 3	Light Source 4	Light Source 5	Interior Colour	Voltage
CAC								

1. Select the cabinet **Size** you require from the table below, and specify in **Table 1**.

Size (dimensions in mm)		Width	Height	Depth
150	Overall	1568	780	620
	Viewing Cavity	1528	570	580
120	Overall	1268	780	620
	Viewing Cavity	1268	570	590
80	Overall	770	670	420
	Viewing Cavity	680	360	380
80-S	Overall	770	570	540
	Viewing Cavity	680	360	600
Port (Portable)	Overall	670	415	315
	Viewing Cavity	670	275	280
	Closed	670	375	140

2. All cabinets are supplied complete with lamps. Typical CAC cabinets have either 4 or 5 **Light Sources**. If you have your own light source requirements or would like an additional light source to the typical selection given, please specify. Should you require any assistance with your selection, please refer to the Data Sheet(pdf) – Lamp Options.

3. If the standard or application you are working to requires a variable intensity of light, a **Dimmable** option is offered. If required, please add “D” to **Table 1** beside the relevant Light Source, e.g. D65/D.

4. In order to view your samples objectively without the influence of surround or background colours, the **Interior** of the cabinets are finished in a neutral matt grey. All cabinets are normally supplied with the interior grey reference G5574, but can be supplied with an alternative of Munsell N5 or N7. Please specify in **Table 1**.

Interior Colour	Grey: G5574	Munsell Grey N5	Munsell Grey N7

5. Please select the **Voltage** you require for your cabinet by specifying in **Table 1**. Note – the CAC Portable can be supplied in a dual voltage option.

Voltage	230v	110v

VeriVide offers a range of Accessories and Optional Items. To see which accessories are available with the CAC range, please refer to **Table 2** and Data Sheet(pdf) – Accessories for more information.

Table 2 – Accessories available for the CAC Cabinets

	Fixed Angle Table	Tilting Table	Diffuser	Benches	Cupboards	Maintenance Pack	Replacement Lamps
CAC 150	✓	✓	✓	✓	✓	✓	✓
CAC 120	✓	✓	✓	✓	✓	✓	✓
CAC 80-S	✓	✓	✓	✓	✓	✓	✓
CAC 80	✓	✓	✓	✓	✓	✓	✓
CAC Portable	-	-	-	-	-	-	✓

VeriVide equipment is manufactured in the UK. Company registered under BS 24100:2002. Certificate No. 2003. VeriVide reserve the right to modify our equipment at any time.