CE7000A UV Calibration procedure using Color iControl

1. Install the LAV aperture and move the Lens to the LAV position. Select or create the LAV calibration mode.

Calibration Mode Properti	es 🔀				
Enable auto configuration by	spectrophotometer				
R/T Mode Reflectance Regular (Direct) Transmittance Total Transmittance	UV Filter Pos / UV Energy 50.00 % Out / UV Inc Cal / UV Cal UVD65 V OIn / UV Exc				
O Haze (Transmittance)	Port Plate Aperture / Lens				
Specular Condition	Port LAV (1.00 in) 💌				
 Included 	Ignore port plate errors				
O Excluded O Unknown	Lens = Port 💌				
Glass Correction Applied?					
	1 Avg 0.00 deCMC Limit				
Extended measurements 240 Calibration Interval					
Normal (Single mode)					
your name for this mode: 0-Default					
OK Cancel	UV Calibration				

2. Prior to calibrating the UV filter on the instrument, <u>you must perform a normal</u> <u>calibration</u> using the black trap (zero calibration std). and white calibration tile.



3. Click on the calibration mode icon.

Color iControl - [e-Job1.jb5 [database=it	Control.mdb]]							
e-Job Data Application View Spectro Ac	count <u>W</u> indow <u>T</u> ools Ma	cro Help						
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e-Job1.jb5 [database=iControl				1000				4 Þ 🗙
		Sele	ct Mode	1.222				
Select new standard • M	Standard Name	L* a*	b*	C*	h°			
그녀, 너, 너, 너, 비 뽀 삶				1				
	Trial Name	DL* Da*	Db*	DC*	DH*	DEcmo	PÆ	
<no standard=""></no>								
- En Formulas								
- Substrates								
Colorants								
CIELab: D65-10								
Yellow								
80.0								
40.0								
	100							
§ + + + + + + + + + + + + + + + + + + +	(L) ^{BU}							
	5 60							
1	40 %							
-80.0	20							
-60.0 Blue -60.0 60.0	360 400		500		600		700	750
			WaveLen	ngth (nm)				
Select a calibration mode for the connected spectro	PE	RCENT		0/0/0	D65	-10 0-Def	ault [EXP]	NO gloss

4. Click on the "UV Calibrate" button.

1	Choose	Calibration Mode								X
	Defined	l Modes				[3] - C	E7000A_			
L	ID	Name of Mode	NextStdz	Average	R/T Mode	Spec	AreaView	UV Energy	Glass	Lens/Port
	0	0-Default	Expired	2	RFL	SPI	1.00 in	UV Cal	No	Lens=P
		New Delete M	odifu	Calibrate		rate				
	Addi			Cambrate						0,036

5. Enter the CiE Whiteness Index calibration value located on the back of the UV calibration standard in the "Calibrated Whiteness Value" field:

×



Absolute Ganz Whiteness CE Whiteness Index	Calibr Whitene:	ated ss Value	Tint Value
	1		0.00
	L 457 브	ess UV En	iergy
Current UV Filter Position		lore UV Er	nergy
Current CIE Whiteness	0.0 WI	Tint	
Read White		A	ccept
Auto Calibrate		0	ancel

R

6. Click on "Auto Calibrate" button. The system will automatically attempt to match the Ganz or CIE Whiteness value entered, adjusting the filter a little bit with each try. Once the current Ganz or CIE Whiteness value closely approaches value established for the standard, you will be informed and a difference value will be displayed.

UV	Calibration Procedure	1		X
	White fluorescent standard — C Absolute Ganz Whiteness CIE Whiteness Index	Calibrated Whiteness V	f Tint alue Value 0.00	
		Less	UV Energy	
	Current UV Filter Position	45.7 ×	UV Energy	
	Current CIE Whiteness	0.0 WI T	int	
	Read White		Accept	
	Auto Calibrate		Cancel	

7. Click on the Accept button to accept the calibration if the instrument passes the UV calibration.

UV	Calibration Procedure		×
	White fluorescent standard — C Absolute Ganz Whiteness CIE Whiteness Index	Calibrated Whiteness Va 138.3	Tint lue Value 0.00
		Less L	JV Energy
	Current UV Filter Position	45.7 ×	JV Energy
	Current CIE Whiteness	138.5 1 WI Tii	1.17 nt
	Automatic UV Calibration is o	complete, differer	nce = 0.17.
	Read White		Accept
	Auto Calibrate		Cancel