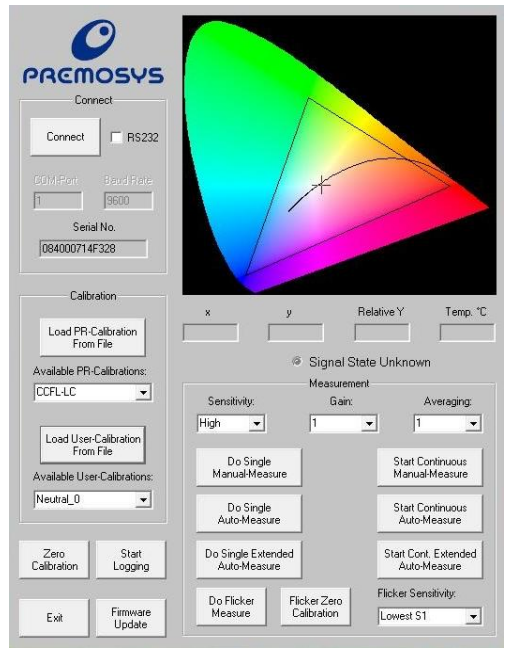


Mii 2 Mobile Color Analyzer PR0084-USB-....

The Mii 2 Mobile Color Analyzer is a color measurement system for self-illuminating objects. The system delivers its outcomes in the Chromaticity color space x,y,Y.

A factory-installed basic adjustment (calibration) takes place which already covers different applications. To achieve the maximum accuracy it is possible to determine device-specific calibrations for e.g. CCFL, BLU, Wide-Gamut, White LED and RGB LED at the factory-owned light laboratory. Up to 8 of these completely different sets of calibrations can be stored on the system permanently. In addition 16 customer-specific calibrations can be stored and administrated on the system. Integration into customer-specific software environment is possible via WIN32 Low Level DLL.



Versions:



PR0084-USB-OEM
Customized basic version. Adjustment and alignment take place customized



PR0084-USB-OEM-ENG
Version for evaluation by high precise measurement for optical parameters of different products. Adjustment and alignment for different light source



PR0084-USB-OEM-S
System with diffusion disk for compensation of position tolerances during measurement of single products. Adjustment and alignment for white or RGB LED

Dimensions:

- Length: app. 61mm +/- 1mm
 - Width: app. 26mm +/- 1mm
 - Height: appa. 17mm +/- 1mm
- (Data without mounting connections)

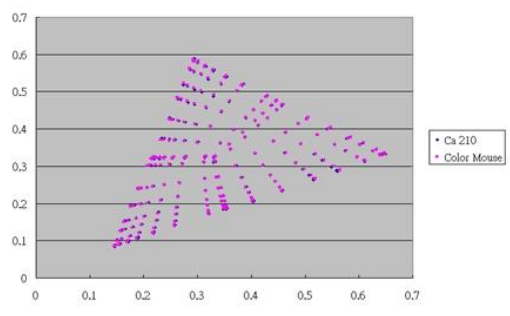
Power supply:

- 4.7V...5.25V; <100mA

Weight:

- app. 90g

Accuracy:



Technical data:

Optics	+/- 2 Grad aperature angle	Interface	USB 2.0 and RS232
Measure range	Luminance: 0,05 bis500 cd/qm Chromaticity: 0,05 bis 500 cd/qm	Power supply	4,7 bis 5,5V DC over USB/RS232 plug
Accuracy*	Luminance: +/-2% 1 digit (1 ~500cd/m2) Chromaticity: +/-0.002 Illuminant D65 Chromaticity: +/-0.0025 CCT 4000-15000K Chromaticity: +/-0.0065 forother colors	Set of parameter	8 für factory settings 16 for customer settings max. 10 measurements for low sensitivity Max 4 measurements for high sensitivity ca. 1800mm
Calibration	PTB Traceable	measurement speed	20 to 40 degree celsius
Flickering measuring	According VESA Norm	Lenght cable	
		Temperature compensation	

* The accuracies relate to the calibration on one specific monitor. The measurement of „unknown“ monitors may deviate from this. A custom-designed calibration is possible and gets supported by appropriate tools.