



**datacolor**  
**COLORFACTS**<sup>™</sup>  
PROFESSIONAL 7.0

For Professional Calibrators and Installers who demand the very best



Datacolor ColorFacts Professional 7.0 is developed to be fast, accurate and easy-to-use. It's designed to support many different types of display devices, hardware instruments, color systems and reference illuminants. The system is created to hide the complexity and mathematics of color science behind an easy to understand interface. With an intuitive, configurable, full-color user interface, ColorFacts reduces the time required to accurately calibrate almost any display. It enhances realism by extending highlight and shadow detail.

## FEATURES & BENEFITS

### **NEW C3 Remote Software**

Allows a direct connection to over three dozen consumer, professional and industrial display devices. This eliminates the human error caused by entering settings by hand, and shortens calibration times

### **NEW Signal Generator Integration**

ColorFacts Professional drives the signal generator, and the signal generator drives the display reducing the risk of errors. (Now supports the Extron VTG-400 signal generator)

### **NEW Gamma Calculator**

The gamma calculator enables you to calibrate both color and luminance at multiple points on the gray scale simultaneously, for a perfect gamma response every time

### **NEW Secondary Color Override**

ColorFacts Professional calculates the proper position of secondaries automatically, or you can override the automatic calculation and specify the location of the secondaries directly

### **Upgradeable System**

ColorFacts Professional hardware and software is completely upgradeable so your calibration system will never be outdated

### **Multi-display or video wall display matching**

Match color and luminance simultaneously to cut video display calibration time

### **Richer Reporting for Installers**

Custom reports are automatically graphed and can be viewed on-screen, saved as files or printed for your customer

### **Real-time data**

Save time by receiving immediate feedback with each click of the remote

### **Supports Popular Sensors**

ColorFacts Professional 7.0 software supports over 18 popular sensor devices so you can design your own optimal configuration

### **Feature Rich Software**

Full control over cuts and gains, primary, secondary, gamma analysis and gray scale tracking offering the highest precision possible

### **Full-Color User Interface**

Intuitive and easily configurable interface is simple to use yet achieves sophisticated results

### **Extensive Support**

Take a class, utilize full online support, or visit our forums and receive advice from our experts



## SPECIFICATIONS

Measurements	xyY, Luminance
Color Space Data	Displays Yxy, XYZ, LCh, RGB, CIE Lab, and CIE Luv color space data
Calibration Target Selection	A, B, C, D50, D55, D65, D75, E, 9300 K, User-defined temperature or user-defined coordinates
Selectable color system references	NTSC, ATSC/HDTV, PAL/SECAM, user-defined
Selectable calibration target	A, B, C, D50, D55, D65, D75, E, 9300 K, User-Defined Temperature or Coordinates
Integrates with test image DVDs	CF DVD, Avia, Video Essentials, PF Test Disc
Meter Training Wizard	Yes, allows you to train one meter with another
Macros	Yes, allows you to write your own programming to perform a specialized task (i.e. used to build automated calibration systems)
Bulls eye style correction targeting	Yes
Import/Export options	All data and graphics can be saved or imported as .csv, .bmp, .jpg, .pdf
Integrated Address Book	Yes
Operating System	Windows

Display Devices	All front projectors, RPTV's, Direct View TV's, Digital DLP's, LCD's and Plasma video displays
Accuracy	Chromaticity x, y: +/- .002, Luminance: Y +/- 1%
Repeatability	Chromaticity, x, y = less than 0.001; Luminance, Y = less than 1%;
Dynamic Range	Black Point: 0.02 cd/m <sup>2</sup> , White Point: > 5,000 cd/m <sup>2</sup>
Optical Device	Patented Datacolor Colorimeter
Mounting Methods	Suction Cups (CRT's), Counterweight (LCD's), tri-pod mount
Cable connection	6 ft. USB
Dimensions	Depth 1.4" / Width 4.25" / Length 4.7"
Weight	6.0 oz (170 grams) (including counterweight & cable)
Hardware warranty	2 years

## SYSTEM REQUIREMENTS

- Notebook PC with Windows 2000, XP or Vista operating system
- Computer: Pentium III or better, 512 MB Ram, 100 MB Free Drive Space
- Video Card: 1024x768 resolution, 24 bit color (16.7 million colors)
- Powered USB port
- DVD Player or Signal Generator
- Remote controls for both your TV & DVD
- 20 MB Drive Space for product, additional space for user-generated files (graphics, data files)

## PRICING

**Datacolor ColorFacts Professional™ 7.0 (CFH200)**  
**U.S. List: \$3500**

**Datacolor ColorFacts Professional™ 7.0**  
**+ Accupel HDG 3000 (CFH201)**  
**U.S. List: \$4999**

**Datacolor ColorFacts Professional™ 7.0**  
**+ Eye-One Monitor with Mount Kit (CFH202)**  
**U.S. List: \$4999**

**Datacolor ColorFacts Professional™ 7.0**  
**+ Accupel HDG 3000 Signal Generator**  
**+ Eye-One Monitor with Mount Kit (CFH203)**  
**U.S. List: \$6499**

Americas  
+1.800.554.8688  
marketing@datacolor.com

Europe  
+41.44.835.3711  
ecmarketing@datacolor.com

Asia Pacific  
+852.2420.8283  
asiamarketing@datacolor.com

**datacolor**  
*Because Color Matters*

In over 60 countries ... see [www.datacolor.com/locations](http://www.datacolor.com/locations) for a complete list.