



ColorRight™ Pro

ColorRight is the industry standard high performance image acquisition software for ColorGetter scanners. Optronics' reputation for continuous technology innovations in graphic arts is embodied within the latest releases of ColorRightPro.

The innovative family of ColorRight™ software is now offered in two scanning products, ColorRight and ColorRightPro™. Each application offers users an intuitive interface that sets the professional standard for high-end scanning and image correction.

Optronics ColorRightPro combines the capabilities of ColorRight Mac and PC software programs into an expanded professional cross-platform application. ColorRightPro runs on Macintosh PowerPC, Windows 95/98, and Windows NT workstations.

ColorRightPro's superior 48-bit color interface acquires all transparent positive, negative, or reflective images, and corrects them in discreet density or dot percentage values that faithfully reproduce the color of the original.

Beginning with the software's electronic calibration target, ColorRightPro fingerprints to any four-color output device, including digital proofers and printing presses. This feature establishes critical Gradation, Gray Balance, and Dot Gain table settings used in sophisticated printing environments. ColorRightPro is also ColorSync ready. ColorSync ICC profiles, imported into the ColorSync Separator, provide extremely accurate RGB to CMYK conversions.

Two levels of working environments give operators a comfortable choice of working modes. Choose from an intuitive graphical tool box in Production or Expert modes. Each level uses powerful Artificial Intelligence (A/I) to establish the inner highlight and black points of an image.

The Expert modes expands to control values in Gradation, Gray Balance, and Dot Gain tables to further optimizes images for specific output characteristics.

Complementing all ColorRightPro's levels is a set of Selective Color Correction and UnSharp Masking tools. As expected, ColorRightPro supplies the most advanced computer color science, and tools for superior color correction.

Key ColorRightPro Features:

- 48 Bit Software Interface
- 8, 12, 16 bit Tiff, Scitex CT/LW, EPS, LAB and DCS file formats
- Export and import of 16 bit RGB Tiff files
- Calibration software linearizes scanner input to output device
- ColorSync, ICC profile compatible
- 'AI' feature automatically analyzes highlight and shadow densities
- Density or dot percentage based Artificial Intelligence (AI) eliminates film emulsion-specific Look Up Tables
- Gray-eyedropper corrects multiple color cast
- Adjustable Histograms available in all or individual channels
- Interactive Probe features pop up readings with 3 sticky densitometers
- Selective Color Correction color wheel auto detects pastel or saturated chroma color
- Production and Expert RGB to CMYK Separator levels
- Automatic descreening of previously printed material
- Macintosh PowerPC and G3-G4, Windows 95/98 and NT 4.0

ColorRightPro 1.0 Specifications

Macintosh Minimum Operating Requirements

Macintosh OS 7.6 or higher

Processor - 90 MHz PowerPC or faster G3/G4 processor

Windows Minimum Operation Requirements

Windows 95 or Windows NT 4.0

Processor - PC compatible 133 MHz or faster Pentium II or III

Interface card - One free PCI slot for GPIB scanner interface card

Memory - 64 Mbytes minimum, 128 Mbytes or more recommended

Disk Space - 2 Gbytes or larger free disk space

CD-ROM - 2x or greater

Video - 1152 x 870, with 4 to 8 Mbytes of VRAM suggested on 17" to 21" 0.28 dot pitch monitors for millions of colors



ColorRight™

About Optronics

Optronics International Corporation, located in the Boston suburb of Chelmsford, Massachusetts, is a leader in precision imaging technology. Optronics has been manufacturing a wide range of products for over 30 years, including scanners, Computer-to-Plate systems, and hardware and software for the professional printing and publishing industry.



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ColorRight™ is the original productivity software for ColorGetter scanners on the Macintosh platform.

ColorRight is flexible enough to encourage novice operators to produce high quality scans easily and efficiently, while providing the power to make experienced operators even more productive.

ColorRight features a sophisticated Artificial Intelligence or "AI" function that automatically defines and clearly distinguishes between specular and diffused highlights and shadow points of an image. "AI" surpasses other standard software with automatic and manual color cast removal tools optimized by a graphical Gradation Curve that provides intuitive adjustments with interactive visual feedback through the Composite Prescan display. These Gradation Curves include "High End" features such as catch light and limiter controls, which can be easily saved and retrieved for future use.

ColorRight offers an extended Selective Color Correction control feature that exceeds the basic primary color space of Red, Green, Blue, or Cyan, Magenta, Yellow and Black. Intuitive Selective Color Correction easily corrects any color from the original image. Simply select the colors you want to change instantly by adding it to an expanded custom 18-color palette. The colors' effective range can be selectively previewed, and quickly defined in the CMYK Composite display view that turns your monitor into a reliable soft proofing device.

ColorRight's unique UnSharp Masking, or "USM," tool furnishes two very powerful high-resolution preview modes. This exclusive feature gives you the flexibility to make unlimited comparisons between settings before final scans are made. ColorRight is the standard for easy color scanning acquisition, and correction software that runs on every Macintosh and ColorGetter made.

ColorRight 5.2 Key Features:

- Automatic RGB to CMYK conversions
- 'AI' Highlight, Shadow, and Color Cast features
- CMYK composite views for soft proof evaluations
- Powerful Selective Color Correction controls
- Graphical CMYK Gradation Curves
- On-the-Fly multiple level USM sharpening controls
- True Batch-scanning capability for dramatic productivity gains

ColorRight 5.2

Macintosh Minimum Operating Requirements

Macintosh OS 7.2 or higher

Processor - 40 MHz 040 Quadra to 90 MHz PowerPC or faster G3/G4

Interface card - One free PCI slot for GPIB scanner interface card

Memory - 64 Mbytes of minimum, 128 Mbytes recommended

Disk Space - 2 Gbytes or larger free disk space

CD-ROM - 2x or greater

Video - 1152x870, with 4 to 8 Mbytes of VRAM suggested on 17" to 21" 0.28 dot pitch monitors for millions of colors