LinoColor OPAL

An unbeatable combination. Whether you're using a Macintosh® or a PC running Windows® 95 or NT, OPAL brings you a combination no other desktop scanner can compete with: tremendous flexibility, extraordinary ease of use, and unparalleled quality from the worldwide leader in scanning technology – Linotype-Hell.

Double Lens System for small or large originals. With its unique Double Lens System, OPAL enables you to scan originals as small as 35mm or as large as a full two-page spread. The Standard-Res Mode is optimized for large originals. In High-Res Mode, for use with originals up to 6 inches in width, OPAL provides 800 x 1600 dpi resolution — more than enough to achieve great results with enlargements up to 600 percent. And the trilinear CCD provides fast, one-pass scanning.

LinoColor™ VisuaLab™ software for easy, accurate color. The true test of a scanner is accurate color. And OPAL easily passes this test. Equipped with LinoColor VisuaLab software together with ICC profiles describing the scanner's color space, OPAL provides easy, accurate color – automatically. And OPAL includes scanner profiling software and a sample target, so you can see for yourself how custom profiling can help you achieve even more predictable color.

Designed for automatic operation. With the combination of OPAL and VisuaLab, even inexperienced operators can quickly achieve top-quality results. VisuaLab automatically calculates the optimal scan parameters for each original. The ColorAssistant™ module of VisuaLab automates and optimizes your scan by determining the image tonal range and applying contrast enhancements to achieve the best possible results.

And with the WYSIWYG interface, you'll see the results of your color adjustments on-screen – without having to know anything about the intricacies of CMYK. The result: fast, accurate color on the desktop, in a wide range of sizes.

Scan system	Flatbed scanner with integrated transparency unit, one-pass scanning
Types of originals	Transparency, reflective, color, black/white, contone, line art, positive, negative
Max. original format	17" × 6" for 800 × 1600 dpi, 17" × 12" for 400 x 800 dpi
Scaling range	10 – 400% in high-resolution mode; 10 – 200% in standard-resolution mode
Scanning resolution	High-resolution mode: optical resolution 800 × 1600 dpi, interpolated 9600 × 9600 dpi Standard-resolution mode: optical resolution 400 × 800 dpi, interpolated 6400 × 6400 dpi
Density range; Bit depth	3.0 D; 30 bits (10 bits per image dot and color)
Input/output buffer	2 MB
Scanning speed	128 seconds (resolution 300 dpi, file size 24.8 MB, with sharpness filter, in A4 format); fine scan with LinoColor VisuaLab Mac; computer used: Power Macintosh 8100/80, 48 MB RAM
Interface	Integral SCSI-II
Power supply; consumption	100 – 240 V; Max. 45 W
Ambient temp.; Humidity	50°F – 104°F; 20 – 80%, non-condensing
Noise generation	Below 55 db (during operation)
Dimensions (W × H × D)	29.53" × 8.27" × 22.05"
Weight	Approx. 55 lbs.
Scope of delivery	For Macintosh: LinoColor VisuaLab Mac, LinoColor VisuaLab Photoshop Plug-In, Photoshop™ FE, CaptureProfiler, ICC profile, Cumulus® desktop image database from Canto, "Fonts Just-In-Time™" CD For PC: LinoColor VisuaLab 95/NT, ICC profile, Photoshop FE, "Fonts Just-In-Time™" CD, SCSI interface & cable
System requirements	With LinoColor VisuaLab Mac: Apple Power Macintosh, min 32 MB RAM; CD-ROM With LinoColor VisuaLab Photoshop Plug-In: Macintosh with 68xxx processor, min 13 MB RAM; CD-ROM With LinoColor VisuaLab 95/NT: IBM PC or compatible running Windows 95 or NT, any TWAIN32-compliant application, min 16 MB RAM, 40 MB free hard disk space; CD-ROM.

LinoColor

Color is child's play.

Linotype-Hell

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ColorSync 2.0