

Scanning Services
Large Format Scanners
Operating Software for Scanners
Intelligent Raster & CAD Software
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IDEAL.com

IDEAL/Contex COPYmate 18 Flatbed Color Scanners

18" wide, up to 9600 dpi, Scans 3.0 IPS in color and 10.0 IPS in monochrome

APPLICATIONS

The IDEAL/Contex COPYmate18 is designed to scan all types of originals, including rare and valuable documents up to C size. This scanner solves the problem of scanning media over a half inch thick, such as books, delicate originals and fine art. Embedded iJET technology provides the ability to scan and make copies directly to any computer or printer on the LAN, or directly to an attached USB Printer. The IDEAL /Contex COPYmate 18 color scanner is designed to meet the requirements for the GIS, fine art reproduction and historical document preservation markets. The COPYmate 18 provides a solution for scanning and archiving precious, unusual and rare documents, from original fine art to oversized prints, with high precision and color accuracy at a fast scan speed. This new scanner can be used stand-alone or as an integrated component of a customized solution.

FEATURES

- Handy size and large 18" x 24" scan area
- Direct printer interfacing, no need for PC
- Handles all types of originals with no limit in scan thickness
- Accuracy Lens Enhancement Technology for 0.1% pixel precision
- Embedded copying and scanning system in hardware
- Flexible connectivity with USB and Ethernet
- User replaceable parts

SCANNING SUPERIORITY

The IDEAL/Contex COPYmate 18 Color Scanner creates images in photo realistic color, high quality gray scale, and crisp, clear black and white. Color is captured at 24 bits for maximum color precision passing the best 24 bits of color to the computer. The IDEAL/Contex COPYmate 18 Scanner is an accurate, two-dimensional sampling device; document motion is one axis and electronic scan of the Charge Couple Device (CCD) semiconductor cameras is the other. The COPYmate 18 scans with unparalleled accuracy, +/- 0.1% in both the X and Y-axis to ensure the most accurate scan possible. The IDEAL/Contex COPYmate 18 Scanner has iJET technology, embedded copying and scanning system in the hardware. The iJET technology incorporates the scanners Dual 2-D Adaptive Enhancement features with Area Diffusion Logic and Error Diffusion Half-toning which allows documents containing mixed photographic and line-art (including text) areas to be captured with greater detail.

DIRECT PRINTER INTERFACING

The IDEAL/Contex COPYmate 18 supports both LAN and USB printer connection options so any printer can be connected and used for copy output directly from the scanner. From the iJET Panel you can set the



quality, lightness, number of copies, reduce/enlarge the copy without the use of a PC or software. The iJET Panel also contains advanced settings for special jobs or for setting company defaults. With the scanner's high precision of details and colors, users can enlarge their creations to full display sizes without losing any quality. The IDEAL/Contex

COPYmate 18 has variable resolution from 400 to 9600 dpi, selectable in one dpi increments to match user requirements.

ACCURACY LENS ENHANCEMENT TECHNOLOGY

The IDEAL/Contex COPYmate 18 Color Scanner uses Accuracy Lens Enhancement Technology (ALE) that electronically maintains 0.1% +/- 1 pixel precision across any two points of the scan line, thus exceeding even the most rigid requirements. With this scanner there is a very high grade of precision stability in the scanned image.

CONNECT TO PC FOR INDEXING AND EDITING

The IDEAL/Contex COPYmate 18 supports color and monochrome scanning applications. IDEAL's **ScanOS** provides single-field indexing for every document scanned, and automatically generates the filename, time & date, and the computer operator's name to the database record. **ScanOS** stores drawings and index data in an ODBC compliant archive in many formats including PDF, TIFF, JPEG, and BMP. Edit drawings in raster with the same ease as editing a CAD file using **WiselImage**, an optional intelligent raster editing software package from IDEAL **WiselImage** is a powerful drawing editor that performs raster to vector conversion and OCR.

ENTERPRISE WIDE SHARING

Provide instant network access of scanned drawings with IDEAL's **ArchiveCenter for Workgroups**. Archive large format drawings on a company intranet or a secure, password protected internet with IDEAL's **ArchiveCenter for Enterprises**. Search, retrieve, view, and print large format drawings using only a standard web browser. Both software applications require a PC to be connected to the IDEAL/Contex COPYmate 18 color scanner.

NEED HELP DECIDING?

An IDEAL sales representative can help you decide which solution provides you with the best value for your needs. Call IDEAL at 1-888-524-3325 or email sales@ideal.com.

COPYmate 18" Color Scanner Specifications

Sensors	Four-linear CCDs (RGB triplets + Panchromatic BW)	●
	7,50 pixels	●
	48 bits of color data capture	●
	16 bits of graytone data capture	●
	all digital cameras	●
Resolution	Optical	400
	Maximum	9600
Media Width	With Top Cover	1.5"
	Without Top Cover	Unlimited
Scan Width	18" x 24"	●
Scan Modes	24 bit color	●
	8 bit Feature Extraction/Indexed Color	●
	8-bit graytones	●
	Copy modes with gray shades	●
	1 bit black and white	●
	B/W Dual 2D-Adaptive Modes	●
IJET Technology	Copy and scanning system embedded in hardware	●
	Easy to use iJET Panel to control copy and scan operations	●
	One-touch Copy to USB printer without PC	●
	One-touch Copy to Network without PC	●
	One-touch Scan directly to any PC on the network	●
Adjustment	Dual 2D-Adaptive Enhancement	●
	Dual 2D-Adaptive Gray	●
	ADL+Error Diffusion Halftoning	●
	2D-Shapening/2D-Softening/2D-Blur filter	●
	2D-Adaptive Thresholding	●
Light Source	Stabilized fluorescent lamps	●
Optics	Torsion stabilized for portability	●
Interface	Ethernet (scanning and copying)	●
	Hi-Speed USB (Scanning)	●
	Full-Speed USB (Copying)	●
	STI (Still Image Interface) support	●
	WIA (Windows Image Acquisition)	●
	TWAIN	●
Dimensions	50.8" wide x 8.7" high x 24.0" deep	●
Weight	77.16 lbs (35 Kg), 97 lbs shipping	●
Power	110/220/240V, 60/50hz. 180W selectable on power input block	●
Includes	6 ft power cable, Drivers, iJET technology, User documentation	●
	WIDESystem scan to net software	●
	24 Months Return to Depot Warranty	●
	With first six months on-site warranty	●
	Scanner Maintenance Software	●
	Maintenance Sheet	●
User Replaceable Parts	White Background Plate, Lamp, Filters	●
Color File Formats	TIFF, TIFF LZW, JPEG, PCX, BMP, RAS, PCL, RTL	●
Monochrome File Formats	PCX, IMGCM, IMGCC, IMGEM	●
Compressed File Formats	CALS Group4 Type 1&2 (Tiled), GR4AB, IG4, CIT,	●
	TIFF Group3 & Group4	●
Gray Shade File Formats	PCX, TifUN, IGS, TIFF, LZW	●
Print/Plot File Formats	EPS, HPGL, VER, CRFF, JDL, HP-PCL, ATL, SCM,	●
	HP-PCL, and HP-RTL	●
Platforms Supported	Windows	●
	Power Macintosh	●