

# Howtek Drumscanner Fuji Celsis 240 CosMYK with SilverFast and FireWire Kit and Mount



Howtek scan master 4000-02 Crosfield Celsis 240 CosMYK Drumscanner/Howtek Colormax D5404

Non-new

with 1 drum and assembly station

Price including SilverFast OW. With order please clarify which version is wished.

Under SilverFast AI the device is recognised as a Howtek Colormax D5404 CMYK.

According to an extract from "PrePress" 11/1994", page 16

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Quick A4-drum scanner

A new drum scanner in the A4 area comes from Opto Trade in Penzberg: The Colormax D5404 starts the succession of the successful Colormax D4000 and offers an abbot branch surface about A4 with the same resolution as before (in 4000 dpi), but substantially higher speed. The Colormax D5404 which is equipped with three Photomultiplier, is available in RGB-and a CMYK variation, and he can be headed alternatively about photo shop-plug-in, Twain interface or the multitaskingable scan software Aurora (for Mac or PC). The design was adapted to the bigger model D7502 with A2-scan surface.

A4-drum scanner for high-end quality

With the 240 offers Crosfield Celsis drum scanner at a table, which allows following the manufacturer's color reproduction in high-end quality at the desktop publishing work. The A4-end drum scanner with photomultiplier-technology works, so that reflective and transparent originals can be handled positively and negatively. The unit comes standard with a SCSI-II interface and can be used by the Macintosh as well as be controlled from a PC.

The scanner optical system allows users to images with resolutions of 31-4000 dpi to process, whereby an entire page in

DIN A4 format with a maximum

Magnification can be sampled from 2,400 percent. The scanner works with a fully automatic calibration, and this applied to the roller is a white strip and a transparent area is kept free. Unlike other comparable scanners here are the calibration strip by the manufacturer applied to the roller, so that the user can not always have to attach itself again. Next

the automatic calibration to

an automatic focus and aperture settings as well as the possibility of batch processing a high

Ensure productivity. Furthermore, the Celsis offers 240 one

Unsharp masking, and also the conversion from RGB to CMYK color space can directly be done automatically during scanning.

The Celsis 240 offers a special opportunity to control the visual sharpness. Through a special viewing window above the drum, the operator can directly view the image sharpness and changed with the adjustment of the scanner. This feature is very useful for example when it comes to screened originals process and see the user directly, can disappear at which blur the individual grid points just now.

Description of Howtek D4500 (it is not a Howtek D4500):

The Howtek ScanMaster D4500 delivers unbeatable image quality and productivity. If you've been looking at CCD film scanners that use flatbeds or film carriers, then you should consider a PMT drum scanner. It's more accurate than flatbed scanners, and more productive than scanners that can only scan single or small batches of films. You can scan any size film or reflective up to A4, and even mix different film types and sizes in a single batch scan. The D4500 can scan positive or negative, transparency or reflectives.

16,000 DPI (4,000 DPI Optical)  
Scanner Type: Drum  
Enlarge up to 1777% at scantime  
300 - 1,200 rpm Variable Drum Speed  
48 Bit Color  
4.2 Dynamic Range  
Scans up to 11" x 11.8" Films  
SCSI Interface  
Supports Mac, Windows9x/NT, and Unix  
User removable dual tungsten light source

Beknopte omschrijving:

Scanning area: Full A4 size; 11.0" x 11.8"; 27.94cm x 29.97cm

Original type: reflective or transparent; positive or negative

Media carrier: removable drum

Resolution: 32 to 4,000 dpi

Optical density: 0 - 3.8

A/D conversion: 12 bits per color; 4096 levels of gray

Color separation: three matched PMT sensors (red, green, blue)

Item Information:

Manufacturer: Crosfield/Howtek

Model: Celsis 240

Item Condition: Good condition, turns on and says "Ready to Scan", machine scans with Silverfast

Also Includes: Silverfast AI Howtek D5404 Demo Version.

Item Specs:

Scanning:

Spatial Resolution

User selectable from 31 to 4000 dpi

A/D Conversion

12 bits per colour; 4096 levels of gray

Data Conversion

Linear & Logarithmic

Drum Speed

300 to 1200 rpm

Effect Scanning Area

11.0" x 11.8

Image Types

Reflective and transparent copy (positive & negative)

Scanning Modes

Color or grey scale (8 or 12 valid bits per pixel, giving 256 or 4096 colors or levels of gray) and binary (for line art or halftone)

Field Stops (Aperture)

Twelve total

**Physical:**

Dimensions

Width: 38.0"

Height: 13.5"

Depth: 20.5"

Weight: 135 lbs.

**Scanner Type**

Interchangeable drum, photomultiplier tubes (PMT): RGB, CMYK, greyscale, and black and white scanning system

**Light Source**

Two tungsten halogen reflector lamps

**Colour Separation**

Three PMT sensors (red, green, blue) with dichroic beam splitters and interference filters

**Focus Control**

Automatic and manual controls

**Interface**

Small computer system interface (SCSI-2)

**Electrical:****Power Supply**

90-132 VAC (47-63 Hz) or

180-264 VAC (47-63 Hz)

**Power Consumption**

Maximum: 300 W (3A)

Standby: 150 W

**SilverFast Ai**

SilverFast Ai sets a new standard for ease of control and sophistication for desktop scanners. SilverFast Ai is high-end scan and imaging software, which more than 120 scanners and Digital Cameras under Mac (also OS-X, X.2), Windows 95, 98, 2000, and Windows XP. SilverFast Ai combines a very intuitive user interface with sophisticated and professional control. Beginners and professionals will appreciate the easy-to-handle, to intelligent control and the ability to use not only automatic and individually adjustable regulator at any time. Predictable color range is the image processing and color reproduction a new dimension in conjunction with the ScanPilot, which ensures a correct workflow. The professional user can, as usual, enter operations in all figures and can precisely monitor the results and readjust with an online densitometer. SilverFast Ai gives users of all experience levels the tools in hand, with which they can quickly create brilliant pictures!

SilverFast comes in three different versions: as a native plug-in for Adobe Photoshop, TWAIN compliant applications, or as SilverFast Launcher.

SilverFast 6 also has the Job Manager, a feature that was previously only available as an option!

Starting with version 5.5.2 SilverFast Ai and SilverFast HDR now allows 16-bit and full 48 bit color-corrected output.

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