

When the final scan has to be right. Now!



The new *SprintScan 45 Multi-format Film Scanner* from Polaroid digitizes color transparencies and negatives in a variety of formats, including 35mm, 2 1/4 x 2 1/4, and 4x5. The compact desktop *SprintScan 45* captures 24-bit color images, sampled at 12 bits per color, with up to 4000 dpi resolution.

With scan times in under 5 minutes for a 4x5 scan at 2000 dpi, the easy-to-use *SprintScan 45* acquires images at the highest resolution in the quickest time among

multi-format film scanners — without sacrificing original image detail.

For many printing and design applications, the *SprintScan 45* gives you a high-quality film scan ready for 4-color separation — without sending work to external service bureaus for final art. Save time and money by keeping the *final art scanning process in-house*. And keep your clients satisfied with faster turnaround for their projects.

The fastest multi-format scanner for graphic design, desktop pre-press and photo retouching.

Low-cost, high-quality image acquisition and unmatched scanning speeds make the SprintScan 45 ideally suited for designers, desktop publishers, graphic arts departments and photo retouchers.

With the SprintScan 45 at your fingertips, you'll find it simple and convenient to get detailed, color-accurate scans. It scans any transmissive film ranging in size from 35mm up to 4x5, including positive and negative, mounted or unmounted transparencies. The SprintScan 45 also comes with five film holders for 35mm, four-at-a-time 35mm holder, 6x6cm, 6x7cm, and 4x5 in transparencies.

Output that's true to your original

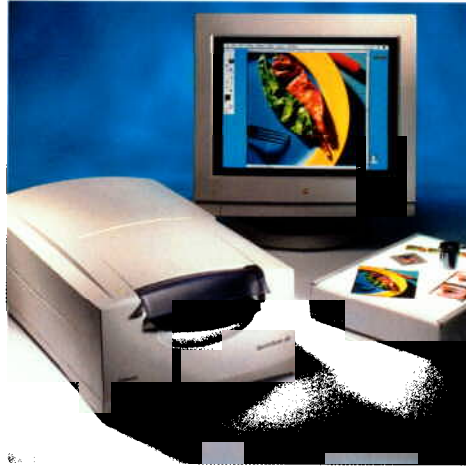
With high-level onboard electronics, the SprintScan 45 samples 12 bits per color, providing 4096 shades each of red, green and blue (RGB) for a total of more than 69 billion true colors. During the scanning process, color is automatically corrected and fine details are sharpened.

You get an accurate digital file of your original image ready to be saved in standard image formats for use in your desktop publishing or presentation graphics application, or for modification in an image editing software package. The scanner's 36-bit output capability allows users to take full advantage of the highest quality applications on the market.

The freedom to be more creative

With its wide assortment of film carriers, the SprintScan 45 gives you the flexibility to scan virtually any transparent film type. A full-color preview mode lets you quickly crop and scale your image and gives you the confidence to know what to expect from every scan. And because the SprintScan 45 is so fast, you have the luxury to try a variety of creative possibilities without disrupting your schedule.

Experienced users can easily experiment by using custom controls for resolution, image orientation, tonescale, hue and color space. You can even select multiple scan areas on the same film and scan them into separate files, each with its own settings and adjustments.



Compatible with Macintosh and Windows applications

The SprintScan 45 is compatible via standard SCSI-2 interface with any Macintosh Quadra, Power Macintosh or Windows-based personal computer. For Macintosh users, the scanner is shipped with an Adobe Photoshop plug-in module. For Windows, a Twain driver is included.

For more information

Call your local authorized Polaroid reseller to find out more about the SprintScan 45 Multi-format Film Scanner or to arrange a demonstration. Also ask about other Polaroid digital imaging systems and products, including other award-winning scanners, color film recorders and LCD projectors, panels and more. You may also contact your local service center.

Specifications

Hardware

Media Capability
35mm to 4" x 5" format positive and negative, mounted and unmounted transparencies

Maximum Scan Time
26ms/RGB line

Actual Resolution
Min: 72 dpi
Max: 2000 x 4000 dpi

Density Range
0-3.4 OD

Sensor Technology
Single-pass, RGB CCD

Bits per Color
12-bit A/D conversion per RGB
8-bit or 12-bit output to host

Light Source
Cold Cathode Fluorescent

Signal Processing
Software-based, real-time color processing

CCD Calibration
Automatic white point adjustment and dark field subtraction

Interface
SCSI-2
(1 50-pin connector and 1 25-pin connector)

Operating Voltage
Voltage: 90-246 VAC
Frequency: 47-66 Hz

Power
40 W

Accessory Film Holders
4x5 in (10.2x12.7 cm)
2.4x2.8 in (6x7 cm)
2.4x2.4 in (6x6 cm)
35mm 4-at-once
35mm single mount

Dimensions (L x W x H)
21 x 13 x 7 inches (53.3 x 33 x 17.8 cm)

Weight
22 lb (10 kilos)

Certifications
UL, ULC (Canada), TUV, FCC Class B, CE

Software

Macintosh
Photoshop plug-in module

Windows
TWAIN module

System Requirements

Macintosh Minimum
Macintosh Quadra or Power Macintosh
System 7.0.1 or higher
16 MB RAM
At least 20 MB free disk space

Windows Minimum
Windows 3.1 or Windows 95
386 SX @ 25 MHz or better
16 MB RAM
At least 20 MB free disk space
ASPI compliant SCSI-2 interface board (not included)

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