



TAKE PICTURES. FURTHER.™

KODAK PROFESSIONAL HR Universal Film Scanner

TODAY'S ESSENTIAL HIGH-SPEED SCANNER BRINGS MORE FLEXIBILITY TO YOUR WORKFLOW.



The KODAK PROFESSIONAL HR Universal Film Scanner, one of the most powerful, high-res scanners you can buy, is as flexible as it is fast. Advantages include:

Breakthrough productivity. Amazing speed (hundreds of high-resolution scans per hour) maximizes your throughput.

Handles most film formats. Reversal and negative, color and black and white, from 35 mm to 4" x 5" sheet film.

DIGITAL ICE Technology* removes dust spots and blemishes, producing image files superior to the original film.

Big, high-quality files. KODAK Image Science produces beautifully printable high-resolution TIFFs and JPEGs up to 128 MB.

Intuitive interface simplifies operator training.

Proven design, with the previously available HR 500 operating in hundreds of portrait labs worldwide.

New automation accessories and software make this scanner ideal for stand-alone scan-to-file applications.



Like all KODAK PROFESSIONAL Modular Digital Workflow Products, the HR Universal Film Scanner is an important element in many labs' digital workflows. From scanning and manipulation to printing, storage and beyond, these flexible and scalable products help you build a powerful, promising digital future.

To learn more, visit www.kodak.com/go/digitalprolab

Kodak Professional



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Exceptional scanning speed and superb image quality. With an extra measure of flexibility.

The KODAK PROFESSIONAL HR Universal Film Scanner uses DIGITAL ICE Technology to deliver digital image files of superb quality. With its 4" x 5" sheet-film scanning capability, this digital workhorse may be just the kind of ultra-flexible solution your workflow needs.



RECENT IMPROVEMENTS

- **Brighter, truer flesh tones** and increased first-scan yields thanks to an enhanced Scene Balance Algorithm (SBA).
- **New image sensor.** KODAK KLI-6013 Image Sensor improves blue color response and speeds up scan times.

SPECIFICATIONS

Film Formats:

- Sizes: 35 mm, 46 mm, 120/220, 70 mm (including split 70), 4" x 5".
- Types: color negative, color reversal, black and white*.

Film Handling Options:

- Manual (single-frame cut or carded negatives): up to 6 frames or up to 10" of film with cut negative holders supplied.
- Automated (long roll): edited, master camera roll, and spliced roll, up to 200' in 35 mm, 46 mm, 120, and 70 mm formats.
- Automated (film strips): unedited, 35 mm and 120 film formats from short to camera-length strips.
- Automated (slides): 80 unedited 35 mm slides, preloaded in KODAK CAROUSEL® Trays.

Host Software:

- Optimized for KODAK PROFESSIONAL Digital Print Production Software (DP2) and other approved lab software packages.
- KODAK PROFESSIONAL HR Scanning Software for WINDOWS 2000 Operating System.
- TWAIN data source for WINDOWS NT System.

CCD: KODAK KLI-6013 Sensor 6002 element tri-linear color array with 3 x 6002 pixels.

Max File Size: 128 MB (Note: use of AutoStrip Gate accessory may reduce maximum file size).

Density Dynamic Range: 3.2 minimum.

Illumination System: High-efficiency light source.

Physical Size: 14.5" H x 23.5" W x 30.5" D (36.8 cm H x 59.7 cm W x 77.5 cm D).

Power Requirements: 6 amps or fewer.

| | | FILM FORMATS | | | |
|------------|--------|----------------------|----------------------|----------------------|-----------------------|
| | | 6 x 6 | 6 x 4.5 | 35 mm | 4 x 5 |
| RESOLUTION | Low | 4.7 sec. 15.2 MB | 3.6 sec. 10.4 MB | 3.5 sec. 4.3 MB | 8.6 sec. 57.3 MB |
| | Medium | 11.2 sec. 61.0 MB | 8.1 sec. 41.7 MB | 7.8 sec. 17.3 MB | 10.5 sec. 82.5 MB |
| | High | 16.9 sec. 96.8 MB | 12.0 sec. 66.2 MB | 29.0 sec. 69.1 MB | 14.1 sec. 125.5 MB |

* Note: times refer to images scanned without DIGITAL ICE Technology activated, or Host application file handling.

AUTOMATION ACCESSORIES

- **HR Film Scanner AutoStrip Gate Accessories** enables automated scanning of hundreds of 35 mm or 120/220 images per hour.
- **HR Film Scanner Long Roll Accessory** for automatic handling of film rolls up to 200' (61 m) long.
- **HR Film Scanner AutoSlide Accessory** produces 300+ 18 MB scans per hour from mounted 35 mm slides; it uses standard KODAK CAROUSEL® Trays.

SCANNING SOFTWARE

New KODAK PROFESSIONAL HR Scanning Software:

- Maximizes scanner quality and speed in stand-alone applications.

Ordering Information

Catalog Number

| | |
|---|----------|
| KODAK PROFESSIONAL HR Universal Film Scanner..... | 871 5708 |
| KODAK PROFESSIONAL HR 500 Plus Film Scanner | 194 2770 |
| KODAK PROFESSIONAL HR Film Scanner Long Roll Accessory | 158 5496 |
| KODAK PROFESSIONAL HR Film Scanner 35 mm AutoStrip Gate Accessory..... | 843 0316 |
| KODAK PROFESSIONAL HR Film Scanner 120 AutoStrip Gate Accessory | 828 0067 |
| KODAK PROFESSIONAL HR Film Scanner AutoSlide Accessory | 808 2745 |
| KODAK PROFESSIONAL HR Scanning Software..... | 178 5435 |
| KODAK PROFESSIONAL HR Scanning Software LR | 889 5476 |

See your Kodak Professional representative for availability.

For the most current System Requirements and further details on the whole range of KODAK PROFESSIONAL Modular Digital Workflow Products, visit www.kodak.com/go/digitalprolab.

*DIGITAL ICE Technology works with virtually all film emulsions. Times specified refer to images scanned without DIGITAL ICE Technology activated, or Host application file handling. For more details, visit www.kodak.com/go/digitalprolab