

Digital High Speed Film Scanners



F235C Film Scanner

The F235C High Speed Film Scanner offers world class speed, quality and price all in one!

The F235C is a high quality 14-bit Film Scanner for 35mm (negative, positive, or B&W) or APS. The F235 Plus scans rolls up to forty images, as well as strips down to two frames.



The scanner automatically reads the DX code from 35mm film. Built-in DX code reading means correct frame numbering. Low maintenance via automatic calibration and diagnostics.

Cleaning brushes remove static and dust before film is scanned. Digital ICE™ Technology accurately identifies any other surface defects on film and automatically removes them during scanning processes.

Scanning capabilities at multiple resolutions up to 2000x3000, gives the F235C the flexibility to meet the most demanding output requirements. The patented high-speed scanning technology and efficient work flow management software (one scan equals unlimited outputs) make the F235C an excellent choice!

Unique design and unmatched quality make it an ideal component in the following applications:

- Behind the counter desktop scanners
- Input device for digital Minilab systems
- Input device for Kiosk applications

F235C Film Scanner Computer Requirements:

The F235C Scanner requires a dedicated host system to run properly.

CPU:	Intel Pentium 4, 1.7GHz
Motherboard:	Intel D845GBVL w/ SND/LAN/USB
Memory:	384MB PC2100 DDR SDRAM DIMMS
Hard Drives:	(2) 40GB Seagate ST320016A 7200RPM IDE
CD-RW:	Plextor PlexWriter 12/10/32s SCSI CD-RW internal drive
OS:	Windows 2000
Data Interface:	USB 2.0 (requires a dedicated port)

* To guarantee proper operation of the F235C Scanner, specific host requirements must be met beyond the general outline above.

F235C Film Scanner Specifications:

A/D Conversion:	14-bits
Output Color Space:	14-bit linear transmittance
Output File Formats:	Planar (RAW), DIB, JPEG, TIFF, EXIF, BMP
Digital ICE™ Technology:	from Applied Science Fiction accurately identifies surface defects on film and automatically removes them during the scanning processes.
Color Correction:	Kodak Image Science
Scanning Software:	Pakon Scanning Interface (PSI)
OEM Software Interface:	COM
Operating System:	Windows 2000 (future release compatible with Windows XP)
Interface:	USB 2.0 (Dedicated port recommended)
Light Bulb:	50-Watt SOLUX Halogen Bulb
Power Requirements:	90-264 VAC, 50/60Hz
Dimensions without catch tray	(WxHxD): 12.5 x 13.5 x 11 in. (317 x 343 x 279mm)
Dimensions with catch tray	(WxHxD): 12.5 x 13.5 x 16 in. (317 x 343 x 406mm)
Computer Hardware:	Custom configuration. Contact Pakon for required specifications.
Weight (approx.):	27.6 lbs. (12.5kg)

Resolutions and Throughput

35 mm	Digital ICE™ OFF	Digital ICE™ ON
1000 X 1500 ppi (4 Base)	3200	1600
1400 X 2100 ppi (8 Base)	800	500
2000 X 3000 ppi (16 Base)	400	250

APS Advanced Photo System Film	Digital ICE™ OFF	Digital ICE™ ON
856 X 1500 ppi (4 Base)	2400	1200
1200 X 2100 ppi (8 Base)	720	450
1714 X 3000 ppi (16 Base)	360	225

Film Types:

35mm and APS Film
Color Negative
Color Reversal Kodachrome
Traditional Black & White
C-41 Black & White (reads optical data)
Cartridge load APS with magnetic code reader

Expand your Conventional Lab to a Full Digital system.

- High Quality to match digital minilabs
- High speed
- Low cost
- Compact size
- Easy to use software interface
- Low maintenance via automatic calibration and diagnostics
- Patented one pass scanning
- Produces unique thumbnail CDs
- Produces patented Impak Sleeving
- Produces prints up to 8 x 10
- Internet upload ready compatible printers
- Output digital prints to all Win 2000 or network printers
- APS Magnetic Reader