SOFTWARE

Powered by LaserSoft Imaging's SilverFast®

Software plays as important role as hardware to deliver a brilliant image. The OpticFilm 120 comes with the world recognized professional film scanning software, SilverFast Ai Studio , and it is full functionality. For example, SilverFast iSRD® helps dust and scratch removal and optimizes images. SilverFast Multi-Exposure® increases the dynamic range and reduces noises. Auto IT8 Calibration® helps color calibrating in 2 minutes and ensures correct colors. All in all, SilverFast Ai Studio meets the highest standards, and these SilverFast software features are well-combined and perfectly-integrated with the OpticFilm 120.
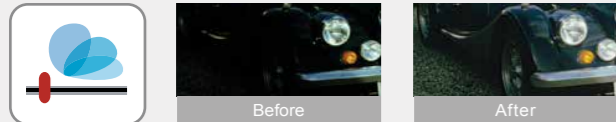
LSI
LaserSoft Imaging®
SilverFast®

SilverFast Auto IT8 Calibration (patented)
get consistent colors with just two mouse clicks

Before / After

SilverFast Multi-Exposure (patented)
improves Dynamic Range and brings up more picture details; reduces noise
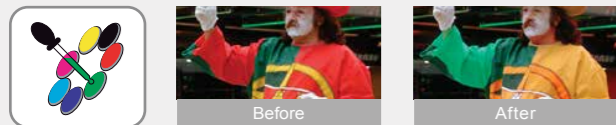
Before / After

Kodachrome
enables scanning of kodachrome slides with natural colors

Before / After

SCC (Selective Color Correction)
changes and manipulates individual colors

Before / After

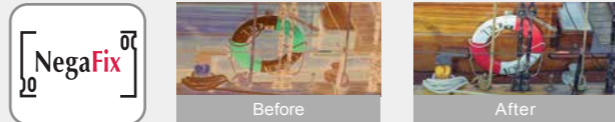#### iSRD (infrared Smart Removal of Dust)
perfect, user controlled removal of dust and scratches via infrared channel

Before / After

NegaFix
allows allocation and generation of film-profiles for negatives

Before / After

USM
excellent sharpening tool with preview of the final sharpening effect

Before / After

SC2G (Selective Color to Gray)
allows distinguish different contrast levels when converting colored images into grayscale images

Before / After

System requirements

- 64-bit systems (on Macs, both Intel and M1 processors are supported)
- Multi-core processor with 64-bit support and 4 cores at least
- 8 GB RAM main memory (16 GB RAM recommended)
- 4 GB free space on hard disk drive for the software file
- 1024×768 screen resolution minimum
- Up to 20 GB free space on the main system hard disk drive for the cache
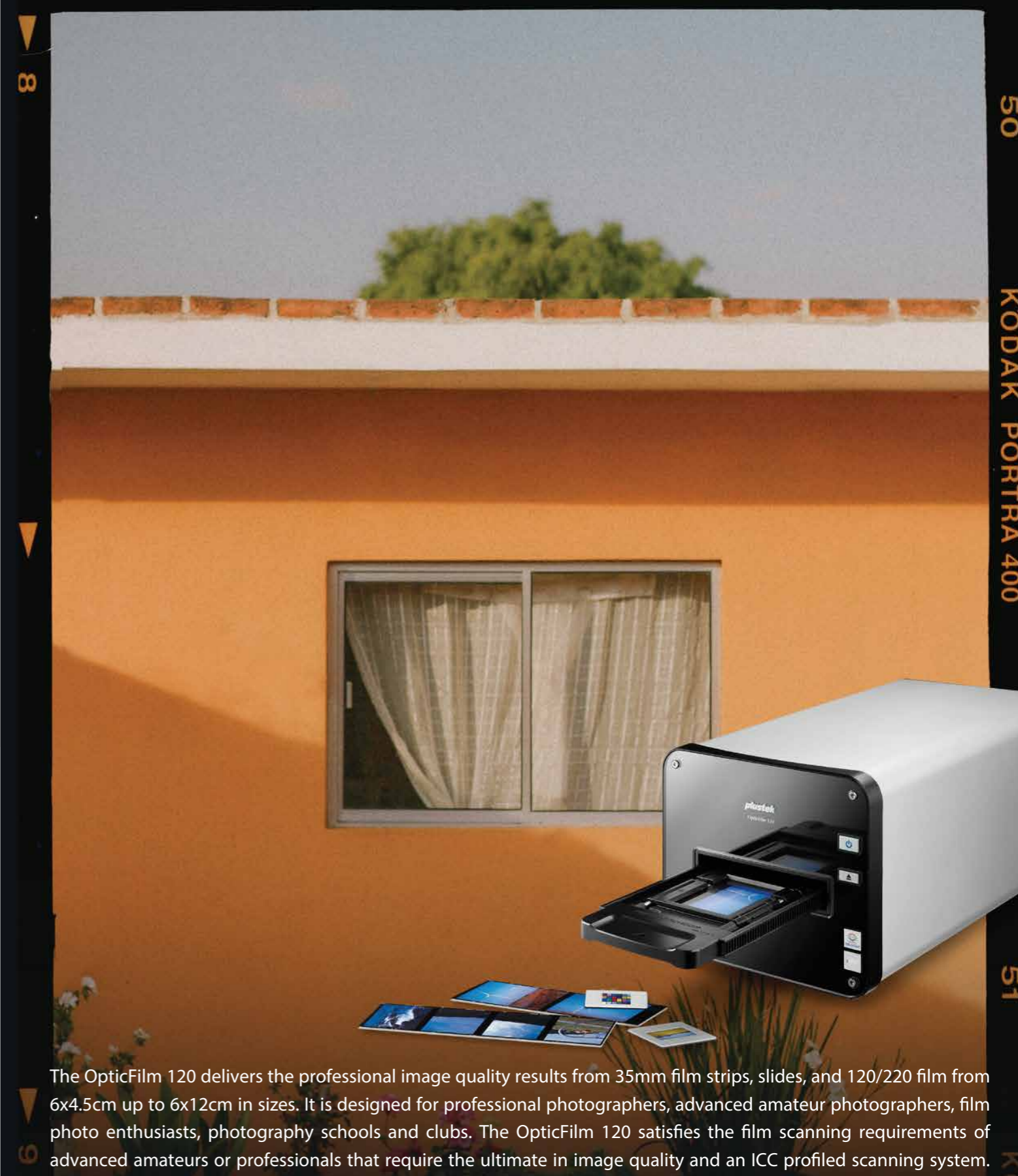- Internet connection

Specification

Image Sensor	CCD
Light Source	LED
Resolution	Maximum Optical Resolution：5300 dpi Remark: Maximum Optical Resolution is the maximum scan resolution of the CCD elements.
Scan Modes	Color: 48-bit input, 24/48-bit output Grayscale: 16-bit input, 8/16-bit output
Dynamic Range	4.01 or above
Infrared	Built-in
Scanning Area (W x L)	60 mm x 120 mm
IT8 Target	Included for color accuracy (6x7cm)
Power Supply	24 Vdc / 0.75 A
Interface	USB 2.0
Net Weight	Approx. 6.3 Kgs
Dimensions (W x D x H)	210 x 374 x 189 mm
OS	Windows 7 (64-bit)/ 8 (64-bit)/ 10 (64-bit)/ 11 Mac OS 10.13.x and later

※ Product specifications are subject to change without notice.

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2.0 HI - SPEED USB

Improved with more environmental friendly

Supports both Windows and Mac

The OpticFilm 120 delivers the professional image quality results from 35mm film strips, slides, and 120/220 film from 6x4.5cm up to 6x12cm in sizes. It is designed for professional photographers, advanced amateur photographers, film photo enthusiasts, photography schools and clubs. The OpticFilm 120 satisfies the film scanning requirements of advanced amateurs or professionals that require the ultimate in image quality and an ICC profiled scanning system.

No need to cut 3-frame 6x7 120 film strips

Plustek OpticFilm 120 film holders   VS   Competitive 120 film holders
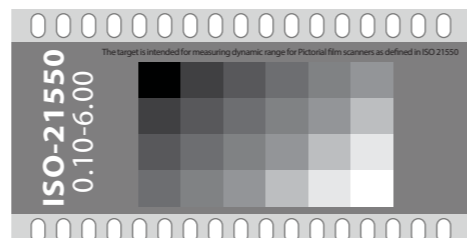
Extraordinary image quality

The outstanding image quality is assured by state of the art optical and electronic systems including an 8-element glass lens with 5,300 dpi optical resolution, high-sensitive color CCD with 10,600 dpi resolution, and stable light sources. Delivering an effective usable Dynamic Range of 4.01 (with SilverFast Multi-Exposure®/ according to ISO 21550:2004) and a theoretically penetrable maximum density of 4.8, guaranteeing accurate color and all highlight and shadow details. Therefore the OF120 reaches a level that is only achieved by drum scanners so far.

5-group 8-element glass lens delivers incredibly sharp images.   Exceptional clarity and detail.   4.01 Dynamic Range as tested with ISO 21550 0-6 OD target.

The designed film carriers ensure accurate imaging and efficient workflow.

The OpticFilm 120 includes patent-pending, adjustable pitch 120 film holders that ensures flat film for in-focus scans. Users do not need to cut 3-frame 6x7 120 film strips. The OpticFilm 120 also uses an automatic motorized film transport system that speeds the scanning workflow.

Dedicated 120 film holder with adjustable pitch holds film flat.

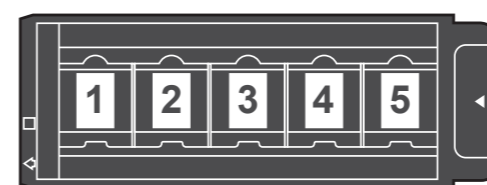Plustek OpticFilm 120 film holders   VS   Competitive 120 film holders

Elegant and Compact design

The OpticFilm 120's metal case provides isolation and stability for the lens, CCD and automatic transport assemblies. The OpticFilm 120 is one of the most compact 120 film scanners on the market. The rear cover design reduces the scanners overall dimensions and prevents dust from entering the scanner.
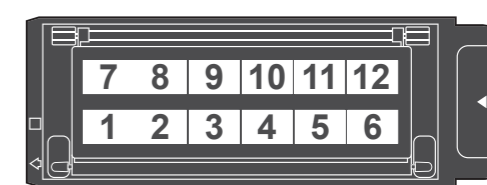
Accessories
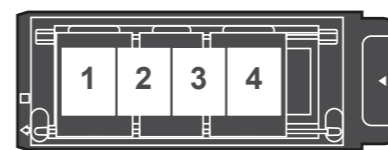
• 135 format film holders •
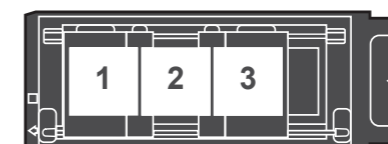
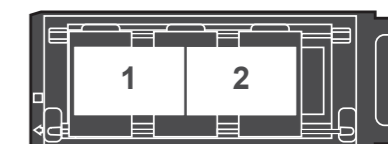35mm slide holder holds 5 slides   35mm film strip holder holds 12 frames

• Medium format film holders •

120 6x4.5 holder holds 4 frames

120 two-pitch holder holds 3 frames of 6x6/ 6x7 film

120 one-pitch holder holds 2 frames of 6x8/ 6x9/ and 1 6x12 frame