

# Heidelberg Chromagraph S3400 + SilverFast Ai IT8 Studio + HDR Studio

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SYSTEMHAUS



## Heidelberg Chromagraph S3400 + SilverFast Ai IT8 Studio + HDR Studio

Non-New / Used

### Purposes:

Redigitization of slides and negatives

Redigitization X-ray films

Redigitization of microfilm

Horizontal drum scanner with photomultiplier technology. Incl. SilverFast Ai Studio, 3 rolls (small, medium, large).

The equipment is obsolete and has been tested and no visual and technical shortcomings.

Includes mount station

Includes one small drum scan

Includes a middle drum scan

Includes a large drum scan

Includes SilverFast Ai IT8 Studio + HDR Studio 6.6.0r4

With the ChromaGraph S3400, Heidelberg is the ideal product developed for a scanner operation. Flexible in order acceptance and settlement of these scanners achieve maximum productivity in prepress.

With three types of rolls, the S3400 ChromaGraph flexibility when scanning various template variables in supervision and inspection. The maximum level of quality poster reproductions is ensured by the smallest scanning roller.

With the ability to work in batch mode, increase job throughput and perfect the entire order processing in your company can be fully automated for more than 100 mm slides are processed.

The S3400 ChromaGraph convinced by ergonomic design and easy handling. It offers a consistently high quality document scanning, the vibration-free design of the hardware and the excellent performances of the tuned software. And that, without compromising long, an entire product life. The result is a value for money, which can be seen.

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SilverFast Ai IT8 Studio and SilverFast 6.6.0r4 for Chromagraph HDR Studio (Mac)

For Mac OS X

For Linotype-Hell / Heidelberg: Chromagraph

including HDR Studio

including 5x7 "regulatory target, Fuji

including 6x7 inches-light target, Kodak

including activation IT8-Calibration

including SilverFast manual

The award-winning scanning software SilverFast from LaserSoft Imaging, Kiel, is now available for High-End Scanner & Mac OS X Leopard.

SilverFast Ai Studio for Heidelberg high-end scanner that allows the full dynamic range of its hardware into TIFF-data write. Thus, the negative reduction to 24 bit RGB obsolete. The possibility of this raw data to save and weiterzuverarbeiten by SilverFast HDR STUDIO opened a whole new workflow.

Important features:

#### NEW: Fully Automatic IT8 Calibration

With the new version of SilverFast can also be private and professional users to concentrate fully on the correct colors and neglect the sophisticated technology behind it. Simply by the scanner is first calibrated.

The combination of automatic discovery and the context of the integrated bar code technology in LaserSoft Imaging IT8 targets the entire calibration process is completely automatic.

A pre-scan is not required. Just the original LaserSoft Imaging IT8 target placed on the scanner and start the IT8 calibration process.

Start the workflow for digital imaging with an optimal color reproduction ensures maximum color quality for output.

#### IT8 Targets

The high quality IT8 targets - both reflected light and transmitted light targets - makes LaserSoft Imaging IT8-production on its own. With small lot sizes is secured the highest precision. In the SilverFast IT8 targets and patent-pending integrated bar code ensures that the reference data is identified.

#### New: SilverFast car frame alignment and free rotation

Especially if you are a lot of different templates on the scanner, you can find the car frame alignment, combined with the automatic frame detection, the templates with one click now not only automatically "frame" and but the images are aligned even automatically at right angles. This task will now be conveniently done by the intelligent algorithms for detection and alignment of the frame with the utmost simplicity. In addition, the framework for the purpose of fine-tuning are simply rotated manually at any angle. The car frame alignment has been specifically designed with a very simple, convenient and time-saving scanning experience in mind.

#### New: An automatic color cast removal (CCR) in NegaFix

An automatic color cast removal (CCR) has been newly added to all SilverFast versions, which contain mandatory NegaFix. With this enhancement, it is possible to achieve even color cast-neutral results. The handling is easy and is very easy by clicking the checkbox in the CCR NegaFix dialog as shown below

#### New: Improved descreening

SilverFast has a completely new descreening to remove the dot printed images. The newly developed descreening in SilverFast is able to scan the pattern of the template to automatically recognize.

There are 4 types of descreening made available:

- Auto descreening
- Car-intensive descreening
- Descreening
- USM & Descreening

"Auto-descreening" and "Auto-descreening intensive" are full automatics.

Linotype-Hell ChromaGraph S 3400

Specifications:

#### Scanning system:

drum scanner, 3 Fotomultiplier

#### Original type:

Transparency and reflective, color and black and white, Halftone and line art, Positive and Negative

#### Original Size Max.

650 x 500 mm for all types of documents

#### Max document thickness:

2 mm.

**Scale range:**

10% -3000

**Scale computation:**

Continuously with the scanner hardware AutoScaling

**Scan Resolution Max.**

Optical Resolution 7442 dots / cm (19200 dpi),

optional automatic stepless calculation by hardware AutoScaling

**Differentiable density range:**

3.9D, measured on the film out of a gray scale

**Maximum resolvable density:**

4.2D, measured on the film out of a gray scale

**Signal Resolution:**

12 bits per pixel and color (log)

**Focus statement:**

AutoSharpening hardware in the scanner,

**Rollers:**

Roller type 212, 150, 80mm

**Assembly aids:**

Mount Assistant 300 (optional)

**Interfaces:**

1 x SCSI for workstation connected port, optional 2 additional workstations via SCSI

**Power supply:**

single phase 230 V  $\pm$  10%, other voltages by means of special voltage transformer

**Power consumption:**

about 700W

**Environmental:**

18 - 28 ° C, 50 - 70% relative humidity

**Dimensions (W x H x D):**

1860 x 1390 x 870 mm

**Weight:**

about 700kg



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