

6.5 Line Art Scans (1 Bit)*

Resolution of Line Art Scans

Line art is 1 bit information, where the number of pixels, effectively the resolution, is the key factor (whereas with greyscale images the number of shades or colours is most important) standard flat bed scanner . With *SilverFast*, the scanner can scan different optical resolutions depending on the scanner hardware – with interpolation up to 4800 dpi. But is such a resolution necessary?

The answer is “NO!” - Generally a resolution between 800 and 1200 dpi is enough. Only in rare cases is there a need for a higher resolution, that is to say, slide scanners need higher optical resolution, because of the high level of enlargement that is possible.

Line art image



*SilverFast...SE versions

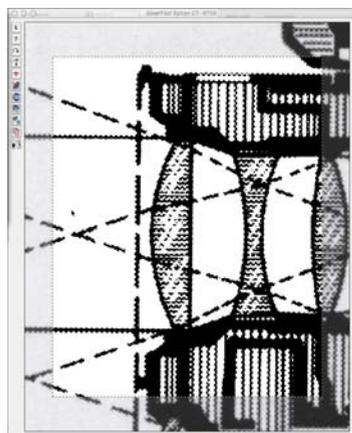
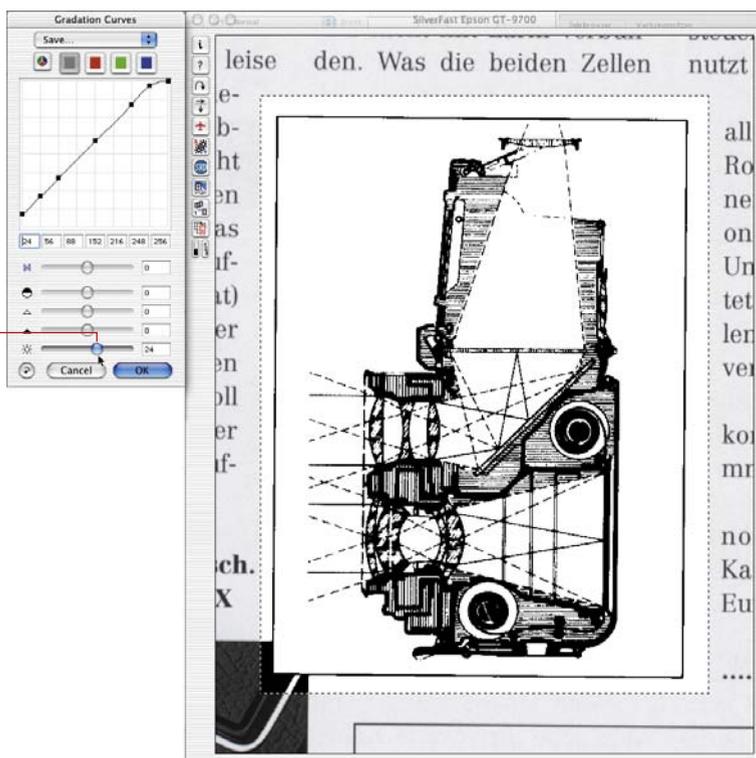
This function is not available in SilverFastDC... and -HDR... versions.

Zooming for Optimum Threshold Definition

Normally prescans are not useful in determining a threshold value. In order to do so however, the zoom from *SilverFast* is an excellent help.

Zoom into the line art image so that you can see the critical lines and adjust them by means of the threshold slider. The zoom on the left shows that you can zoom into every detail of a line art image so that the threshold can be adjusted perfectly.

Threshold settings
in single zoom prescan



Double zoom prescan