

Heidelberg Primescan D7100 + Mount + 2 Drums + SilverFast + Mac G5 + FireWire Adapter





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Vertical drum scanner with Photomultiplier technology.

If requested you can also buy the scanners in which SilverFast was developed for these devices

Heidelberg Primescan D7100

Professional and multi-functional high-end drum scanners for all your scanning needs up to A3 +

Original formats with

Prime drum scan

150 max. 450 x 480 mm for originals supervision / inspection

Primescan Copix drum

150 max. 440 x 480 mm for originals supervision / inspection

Software

Newcolor 7000

Scanning and repro software Newcolor 7000 for Intel-based PC workstation with NT 4.0 OS

Linocolor

Scanning and repro software for Apple Power Macintosh Linocolor workstation

optional Accessories

Prime Station D 7100

Offline mounting station for all Primescan drums 150

options

Copix

Option to redigitization of film separations

sensing

drum

Point sampling with photomultiplier tubes

imager

Parallel recording of a pixel in RGB with 3 x photomultiplier

aperture

Fully automatic iris adjustment

signal resolution

12 bits per pixel and color (logarithmic), according to the scanner Delogarithmierung 16 bits per pixel and color

Image processing hardware

autoscaling

Special hardware for stepless calculation of the scale in the scanner

AutoSharpening

Special hardware for optimal and fast USM calculations in the scanner

Scan resolution

Color / Halftone / line

max. 4330 l / cm (11,000 dpi)

scale range

Color / Halftone / line

20-3000%

scale computation

Infinitely with autoscanning hardware in 0.1% increments

Differentiable density range

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

resolvable density

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

original type

Transparency and reflective, color and monochrome, halftone and line art, Positive and Negative

Media Thickness

max. 2 mm

Drum speed

max. 1800 rpm /

interface

SCSI-2 port for Workstation

mains voltage

85 - 240 VAC, 47 - 63 Hz

Power

500 W

environmental conditions

18 - 28 ° C, 30 - 80% relative humidity

Dimensions (W x H x D)

approximately 620 x 1507 x 660 mm, height 2160 mm at roll change

weight

250 kg

Approval / Conformity

GS, UL, cUL, GOST / CE, FCC, ACN, CNS

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