

# Heidelberg Nexscan 4200 + Copix + LinoColor





Heidelberg Nexscan F4200

Non-new

An outstanding feature of the F4200 is the Nexscan vertically mounted scanning unit, in which the light passes directly from the originals on the CCD array, without being deflected by mirrors (direct capture technology). It helps to avoid ghosting and distortion, thus ensuring an increase in image quality.

The already known Topaz ago VariLens optics, which allows independent of the width of the document the use of the full-width CCD is the Nexscan F4000 also be moved across the scan direction. Thus the maximum optical resolution is at any point in the scan area is available, not only, as usual, in a median strip. It also allows you to scan three-dimensional objects with large depth of field.

The scanner has been tested by us and is visually and technically perfect condition. For your request we will send you to the test protocol and a wealth of additional information.

Year: July 2000

The Nexscan F4200 is a universal, high quality and fast color CCD line scanner.

Templates:

Oversight, transparency, color and monochrome, halftone and line art, positive and negative, scanned printed documents, rem, real objects

Simple and production-oriented work preparation

If you have several trays can be fitted outside the scanner, while the Nexscan already scans other jobs.

High quality, fast scans

The Nexscan F4200 features a CCD color line with 3 x 8000 pixels. In addition, he has a special high-resolution CCD-Schwarz/weiß-Zeile with 12,000 pixels. It provides a very high resolution when scanning line, eg for the scan process occurring Copix Copy Dot mode.

Sharp scan images without time-consuming post-processing

The F4200 Nexscan reached dpi RGB line with the optical resolution of 5080, in the Copy Dot Scanning 7040 dpi even. With an internal Interpolationshardware a maximum resolution of 10,800 dpi is achieved.

Direct Capture Technology

When scanning transparencies, the translucent light is projected directly onto the lens and from there to the scan line (CCD-lines).

When scanning reflective originals of the reflective light of the presentation will also be projected directly onto the lens and then onto the CCD line.

xyVariLens Optical System

The X / Y-sensing method ensures high resolution over the entire scan area. So you can position the template to any location of the scanning surface.

The lens and the CCD-lines are placed on movable slide, forming a lens with variable optical magnification.

This is all original, according to the desired resolution, optimally imaged on the CCD array. The auto focus ensures that the template is independent of their altitude relative to the glass surface mapped always sharp. Slides can thus be sampled in all types of frames safe even in Diatablett.

Overall configuration

Scanning

**Formats:**

Supervision: 315 mm x 457 mm

12.4 "x 18"

Transparency: 315 mm x 457 mm

12.4 "x 18"

Grid

24, he and his 80 grid

Standards

Scale: 20% to 2500%

Stroke: 50% to 2500%

B / W halftones: 20% to 2500%

Color: 20% to 2500%

**Specifications:**

Scanning Method: CCD system, 3x 8000 CCD Color Line

Contrast detail: digital

Focus: Computer-controlled, auto-focus

Max Format: flow / supervision: 315 x 457mm, 12.4 "x 18", Copix: 315 x 457 mm, 12.4 "x 18"

Optical Resolution: 645 - 5080 dpi scan of the entire area!

902 - 7040 dpi for Copy Dot

Interpolated Resolution: 10800 dpi scan the entire area!

Scale range: 20% - 2500%

Max Media Thickness: Review: 20 mm

Supervision: Unlimited

Standard Interface: SCSI

Dimensions (W / H / D): 855 x 990 x 710 mm, 1545 at the open scanner lid

Line voltage: 100V - 120V/200 - 240V

Frequency: 50/60 Hz

Rated current: 2.0 A

Power consumption: 500 W

Ambient temperature: 18 - 28 ° C

Humidity: 30 - 80%

Weight: 89 kg

Noise: less than 55 db (A)

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