

MicroScan 400

Aperture Card Scan/Copy System



MicroScan 400

CARD SCANNING



MODULAR CONCEPT

The Microscan 400 from KIP efficiently utilizes modern technology to bring aging design drawings stored on aperture cards into the digital world of the present! The Microscan400 gives users the ability to scan microfilm data into digital files as a stand alone system, or create wide format copies of the microfilm data on plain paper when combined as a system with the powerful KIP 1020 printer!

MICROSCAN 400 CARD SCANNER

The stand-alone Microscan 400 is capable of quickly creating digital image files from aperture card originals. The USB 2.0 connection delivers fast data transfer speeds to the host PC for immediate image viewing and file storage. The compact design of the Microscan 400 combined with its simple connectivity procedure make it a perfect fit even in tight spaces, while remaining compatible with virtually any PC configuration!

SOFTWARE

Scanning functions are controlled through the included Microscan 400 software. Operators are provided with on-screen viewing, zooming and automatic despeckle/deskew functions in addition to many others. Drawings may be scanned to the most popular digital formats, making them easily accessible through third party applications for viewing, printing, archiving and distribution.

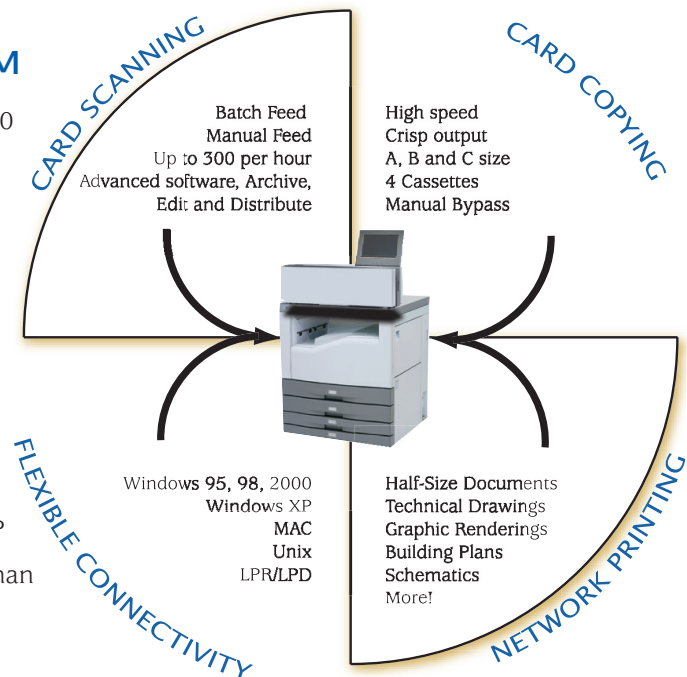
FEATURES

- Select scan resolutions from 100 to 600dpi
- Cool LED lighting system perfectly interprets microfilm data without subjecting the scanned surface to heat
- Load up to 100 aperture cards in the integrated card batch feeder
- Scan and process up to 300 cards per hour
- Straight card transportation path minimizes the possibility of card damage during operation
- Process microfilm image data sized 8.5" x 11" up to 36" x 48"
- Automatic Hollerith code recognition and processing
- Optional - KIP All-in-One Control Center



COMPLETE CARD COPYING SYSTEM

The Microscan 400 may be integrated with the KIP 1020 printer to form a powerful aperture card scanning and copying system. Capable of performing all the functions of the stand-alone configuration, the scanner/copier configuration provides the added ability to copy the data contained on the aperture card into an enlarged image on plain paper. Copies may be quickly produced on paper sizes from 8.5" x 11" to 18" x 24" with 100% toner efficient KIP High Definition Print Technology! The Microscan 400 is conveniently situated on top of the KIP 1020, creating a total system footprint that occupies less than 6 square feet of floor space.



NETWORK PRINTING SYSTEM

In addition, the KIP 1020 may be utilized as an ultra-fast network printer capable of delivering high resolution output of collated sets with reliable performance. The KIP 1020 integrates seamlessly with virtually any network environment, providing print access from desktop PCs running all types of CAD, word processing, engineering, and graphical applications.

MICROSCAN 400 SOFTWARE

The card copier system includes Microscan 400 software for intuitive card copying operations. Users simply select the desired number of copies and copy size at the included touchscreen interface, insert the cards to be copied into the Microscan 400 and collect the copied output!

POWERPRINT SOFTWARE

The card copier system also includes the full KIP Powerprint software suite for powerful and efficient network printing operations. Powerprint has been designed to provide exceptional flexibility, fast processing times and intelligent use of network resources to maintain high productivity. The included KIP Windows and AutoCAD drivers ensure the KIP 1020 is capable of accepting print data over the network from any application.



MICROSCAN 400 SPECIFICATIONS

IMAGING METHOD

Single linear CCD, 8000 pixel

IMAGING TYPE

8-bit gray tone or bi-level

SPEED

300 cards per hour @ 400 dpi

RESOLUTION

100-600 dpi, adjustable

WARM UP TIME

None

REDUCTION RATIO

7.5x to 37x variable in 0.1 increments

MEDIA

Aperture cards: MIL, ISO, DIN, silver, silver duplicate, diazo film

DIMENSIONS

31" (W) x 22" (D) x 10" (H)

WEIGHT

45 lbs.

POWER REQUIREMENTS

120VAC, 15 Amps

DATA FORMATS

TIFF CCITT G4, TIFF CCITT G3, TIFF JPEG, TIFF PACK bits, TIFF uncompressed, CALS Type 1, Windows Bitmap, JPEG, EDMICS C4

CODE READING

Hollerith

INTERFACE

USB 2.0, optional: touchscreen operator display

HOST PLATFORMS

Standard network PC or KIP 1020 controller

KIP 1020 SPECIFICATIONS

IMAGING SYSTEM:

LED Technology with HDP

PRINT SPEED

25 'B' size per minute

RESOLUTION

- 600 x 600 dpi
- 300 lines per inch (lpi) vertical and horizontal
- One pixel line: .0017"
- Dot size: .0017"

WARM UP TIME:

< 4 minutes

COPY QUANTITY:

1-999 copies

MAGNIFICATION:

Zoom range: 5-3600 %
1 % increments

PAPER SIZE:

8.5" x 11" - 18" x 24"

PAPER WEIGHT

Cassette: 18lb. bond to 20 lb. bond
Bypass: specialty media

MEDIA SUPPLY

4 cut sheet cassettes and bypass
1050 sheet capacity

DIMENSIONS

32" (W) x 36" (D) x 38" (H)

WEIGHT:

400 lbs.

POWER REQUIREMENTS

120VAC, 15 Amps

PRINT LANGUAGES

Supported data formats include:

- Raster Data: TIF Group 4, Cals Group 4, Government C4, Intergraph CIT/TG4, IBM IOCA, JPG, Uncompressed Grayscale TIF, Uncompressed Color TIF
- Postscript Level 3
- PDF
- CAD Data: HPGL, HPGL/2, Calcomp 906/907, CGM (optional)

STANDARD CONNECTIVITY

Internal print server with high speed 10/100 Ethernet.
Capable of receiving data from Windows, Unix, and Mac based networks.

KIP

KIP America: (800) 252-6793 ♦ Email: sales@kipamerica.com ♦ Website: www.kipamerica.com

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