

## Multifunction-Scanner HS 3000A



### Speed, Resolution and Flexibility

With the HS 3000A, BAP Image Systems presents a color scanner that is unique with respect to speed, resolution and flexibility.

The HS 3000A is outstandingly suited to capture large numbers of images fast, safe and economically because of its superior performance and excellent image quality. Its open paper path insures operator ease and efficiency. Its ability to scan documents of varied sizes in a single scan contributes to throughput efficiency.

The simultaneous capture of both sides of the document (duplex-scan) provides multiple images from a single scan:

- Bitonal image from digital filtering (binary image with TIFF-format) of the front and back sides of the document to facilitate character recognition (OCR / ICR).
- Color images (or grayscale) of front and back side for authentic archiving in JPEG format.
- Color snippet images compressed or uncompressed.

The HS 3000A allows the user to obtain all required information for further application use and archiving simultaneously insuring exceptionally high throughput. Its low noise level qualities make it ideally suited for the office environment.

### Recognition and Archiving

This scanner is able to solve the eternal conflict resulting from recognition and archiving image requirements. Archiving needs an image that is as close as possible in appearance to the original document. On the other hand, high performance character recognition demands suppression of all useless and disturbing elements such as lines and boxes, which can reduce the efficiency of the recognition process. The HS 3000A solves this dilemma in a very well-designed way: Bitonal images for recognition and color or grayscale images for archiving. Both are the products of a single document scan.

### Flexible Equipment Variants

The scanner can be equipped with either one camera for single sided scanning or two cameras for double sided scanning. The basic unit includes double feed control. A programmable endorser is optional.

### Interface as Required

The HS 3000A offers a programmable Interface and SCSI-2 .

**Multifunction-Scanner HS 3000A**

A color scanner that is unique with respect to speed, resolution and flexibility, outstandingly suited to capture large numbers of images fast, safe and economically due to its superior performance and excellent image quality customized for MRP and ID-cards production.

**Technical Specifications**

Performance	80 ppm (up to 8 1/2" x 14" size, 300 dpi) 160 ppm (up to 8 1/2" x 14" size, 150 dpi)	Interfaces	API, ISIS and scann-program
Document Size	Business card to 8 1/2" x 14"	Drivers	SCSI-2, USB-2
Paper Weight	20 lb. bond to 80 lb. cover	Image Processing	Embedded image processor and compression system
Input Feeder	(Automatic) 400 sheets	Power	100-120 VAC, 200-240 VAC
Sort Pockets	2	Frequency	50-60 Hz
Digital Color Filter		Power Consumption	approx. 0.5 kW
Duplex Scanning	1 color image front & back (alternative: 256 grey scale) 1 bitonal image front and back plus snippet images	Acoustic Noise	approx. 52 dB (working)
Color depth	24 bit	Dimensions	HxWxD 16 x 35" x 15"
Resolution	Color / gray scale image: 300/150/75 dpi (JPEG compression) Bitonal image: 300 dpi (compression CCITT group IV) Snippet images: 300/150 dpi, uncompressed or JPEG	Weight	100 lbs.
Paper transport Speed	up to 1 m/s	Options	Endorser- prints upto 1" image Codeline reading - barcode & OCR (Recognition software) Codeline reading E13B and CMC7 (MICR-Reader)

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