

Wave Instruments Corporation
 -Conversion Services-
 Published Price List
 April 1998

Description	List Price
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Paper to Electronic Image

DOCUMENT PREPARATION

\$9.60 per hour

Removal of any staples, paper clips, rubber bands, excess tape, etc.
Smaller documents will be taped onto an 8 1/2 x 11 piece of paper
Repair of torn sheets and insertion of Patch Sheets

Document Preparation On-Site

\$10.10 per hour

DOCUMENT SCANNING

Scanning documents to produce electronic image files in Group IV TIFF

200 dpi (Single sided, no file separation)

8 1/2" x 11"	\$0.0550 per image
8 1/2" x 14"	\$0.0560 per image
11" x 14"	\$0.0795 per image
11" x 14" (burst)	\$0.0784 per image
11" x 17" (B size)	\$0.0784 per image
11" x 17" (B size unburst documents)	\$0.0784 per image
Combination of items above (legal and smaller sizes)	\$0.0896 per image
Combination of items above (all sizes)	\$0.1232 per image
Optional 300 dpi	\$0.0016 add per image

200 dpi (Double sided duplex, no separation within file)

8 1/2" x 11"	\$0.0672 per image
8 1/2" x 14"	\$0.0672 per image
11" x 14"	\$0.0795 per image
11" x 14" (burst)	\$0.0795 per image
11" x 17" (B size)	\$0.0795 per image
11" x 17" (B size unburst documents)	\$0.0795 per image
Combination of items above (legal and smaller sizes)	\$0.0896 per image
Combination of items above (all sizes)	\$0.1232 per image
Optional 300 dpi	\$0.0016 add per image

200 dpi (Separation within file by Patch Sheet)

8 1/2" x 11"	\$0.0560 per image
8 1/2" x 14"	\$0.0560 per image
11" x 14"	\$0.0795 per image
11" x 14" (burst)	\$0.0795 per image
11" x 17" (B size)	\$0.0795 per image
11" x 17" (B size unburst documents)	\$0.0795 per image
Combination of items above (legal and smaller sizes)	\$0.0896 per image
Combination of items above (all sizes)	\$0.1232 per image
Optional 300 dpi	\$0.0016 add per image
Duplex	\$0.0134 per page added

Wave Instruments Corporation
 -Conversion Services-
 Published Price List
 April 1998

Description	List Price
200 dpi (Manual Separation within file)	
8 1/2" x 11"	\$0.0728 per image
8 1/2" x 14"	\$0.0728 per image
11" x 14"	\$0.0795 per image
11" x 14" (burst)	\$0.0795 per image
11" x 17" (B size)	\$0.0795 per image
11" x 17" (B size unburst documents)	\$0.0795 per image
Combination of items above (legal and smaller sizes)	\$0.0896 per image
Combination of items above (all sizes)	\$0.1232 per image
Optional 300 dpi	\$0.0016 add per image
Duplex	\$0.1344 per page added
400 dpi (Single sided simplex, no separation within file)	
8 1/2" x 11"	\$0.0672 per image
8 1/2" x 14"	\$0.0672 per image
11" x 14"	\$0.0896 per image
11" x 14" (burst)	\$0.1120 per image
11" x 17" (B size)	\$0.1680 per image
11" x 17" (B size unburst documents)	\$0.1680 per image
Combination of items above (legal and smaller sizes)	\$0.1120 per image
Combination of items above (all sizes)	\$0.1680 per image
400 dpi (Double sided duplex, no separation within file)	
8 1/2" x 11"	\$0.0784 per image
8 1/2" x 14"	\$0.1008 per image
11" x 14"	\$0.1232 per image
11" x 14" (burst)	\$0.1232 per image
11" x 17" (B size)	\$0.1792 per image
11" x 17" (B size unburst documents)	\$0.1792 per image
Combination of items above (legal and smaller sizes)	\$0.1232 per image
Combination of items above (all sizes)	\$0.1792 per image
400 dpi (Separation within file by Patch Sheet)	
8 1/2" x 11"	\$0.0672 per image
8 1/2" x 14"	\$0.0896 per image
11" x 14"	\$0.1120 per image
11" x 14" (burst)	\$0.1120 per image
11" x 17" (B size)	\$0.1680 per image
11" x 17" (B size unburst documents)	\$0.1680 per image
Combination of items above (legal and smaller sizes)	\$0.1120 per image
Combination of items above (all sizes)	\$0.1680 per image
Duplex	\$0.1344 per page added

Wave Instruments Corporation
 -Conversion Services-
 Published Price List
 April 1998

Description	List Price
400 dpi (Manual Separation within file)	
8 1/2" x 11"	\$0.0896 per image
8 1/2" x 14"	\$0.1120 per image
11" x 14"	\$0.1344 per image
11" x 14" (burst)	\$0.1344 per image
11" x 17" (B size)	\$0.2016 per image
11" x 17" (B size unburst documents)	\$0.2016 per image
Combination of items above (legal and smaller sizes)	\$0.1344 per image
Combination of items above (all sizes)	\$0.1904 per image
Duplex	\$0.0134 add per image
 Additional Services	
Document Imprinting	\$0.0168 per image
 DOCUMENT SCANNING--OVERSIDE DOCUMENTS	
<i>Scanning documents to produce electronic image files in Group IV TIFF</i>	
200 dpi	
18" x 24"	\$4.48 per image
24" x 36"	\$6.72 per image
36" x 48"	\$8.96 per image
48" x 72"	\$28.00 per image
 300 dpi	
18" x 24"	\$4.93 per image
24" x 36"	\$7.39 per image
36" x 48"	\$9.86 per image
48" x 72"	\$30.80 per image
 400 dpi	
18" x 24"	\$6.72 per image
24" x 36"	\$8.96 per image
36" x 48"	\$11.20 per image
48" x 72"	\$39.20 per image
 Greyscale Scanning	
18" x 24"	\$8.96 per image
24" x 36"	\$11.20 per image
36" x 48"	\$13.44 per image
48" x 72"	\$50.40 per image
 Indexing	
Key Data Entry	\$0.0096 per keystroke
 Quality Control	
Random inspection of images	\$0.0016 per image
Inspect each image	\$0.0112 per image

Wave Instruments Corporation
 -Conversion Services-
 Published Price List
 April 1998

Description	List Price
Image Clean up	
Image Clean up (despeckle and deskew)	\$0.0560 per image
Border Removal	\$0.0560 per image
Optical Character Recognition (OCR)	
OCR	\$0.9520 per image
OCR Clean up	\$22.40 per hour
PDF Conversion	
Image conversion to PDF Format	\$1.68 per image
Barcode & Separation Sheets	
Barcode recognition and verification	\$0.0112 per barcode
Barcode sheets (purchase)	\$0.0448 per sheet
Patch Separation Sheets (purchase)	\$0.0448 per sheet
Patch Sheet Processing (removal)	\$0.0224 per sheet
Additional Services	
On Site Services	6 % increase
Document Shredding	\$2.40 per cubic foot
Grayscale Scanning	\$0.0400 per image
File Renaming	\$0.0240 per file
Recording of Image to Media	\$0.0160 per image
Document Bursting	\$0.0168 per image

Wave Instruments Corporation
 -Conversion Services-
 Published Price List
 April 1998

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Microform to Electronic Image

PREPARATION FOR SCANNING

Microform Preparation	\$1.60 per hour
On Site Services	\$1.68 per hour
Job Setup (Microform Scan Jobs)	\$280.00 per event

MICROFILM SCANNING

Scanning documents to produce electronic image files in Group IV TIFF

16MM Microfilm

200 dpi (Single sided, simplex)

8 1/2" x 11"	\$0.0900 per image
8 1/2" x 14"	\$0.1000 per image
11" x 14"	\$0.1200 per image
11" x 14" (burst)	\$0.1100 per image
11" x 17"	\$0.1650 per image
11" x 17" (burst)	\$0.1500 per image
18" x 24"	\$0.2800 per image
24" x 36"	\$0.3920 per image
Optional 300 dpi	\$0.0016 add per image

200 dpi (Double sided, duplex)

8 1/2" x 11"	\$0.1344 per image
8 1/2" x 14"	\$0.1568 per image
Optional 300 dpi	\$0.0016 add per image

400 dpi (Single sided, simplex)

8 1/2" x 11"	\$0.1344 per image
8 1/2" x 14"	\$0.1568 per image
11" x 14"	\$0.1568 per image
11" x 14" (burst)	\$0.1568 per image
11" x 17" (burst)	\$0.1904 per image
18" x 24"	\$0.3360 per image
24" x 36"	\$0.4480 per image

400 dpi (Double sided, duplex)

8 1/2" x 11"	\$0.1680 per image
8 1/2" x 14"	\$0.2016 per image

Wave Instruments Corporation
 -Conversion Services-
 Published Price List
 April 1998

Description	List Price
35MM Microfilm	
200 dpi	
8 1/2" x 11"	\$0.1758 per image
8 1/2" x 14"	\$0.2016 per image
11" x 14"	\$0.2016 per image
11" x 14" (burst)	\$0.2016 per image
11" x 17" (burst)	\$0.2240 per image
18" x 24"	\$0.3360 per image
24" x 36"	\$0.4480 per image
36" x 48"	\$0.5600 per image
36" x 72"	\$0.5600 per image
Roll Size	\$0.9520 per image
Optional 300 dpi	\$0.0016 add per image
400 dpi	
8 1/2" x 11"	\$0.2016 per image
8 1/2" x 14"	\$0.2240 per image
11" x 14"	\$0.2240 per image
11" x 14" (burst)	\$0.2240 per image
11" x 17" (burst)	\$0.2464 per image
18" x 24"	\$0.4480 per image
24" x 36"	\$0.5600 per image
36" x 48"	\$0.6720 per image
36" x 72"	\$1.12 per image
Roll Size	\$1.12 per image
16MM Microfiche Jackets	
200 dpi (Single sided, simplex)	
8 1/2" x 11"	\$0.1758 per image
8 1/2" x 14"	\$0.2016 per image
11" x 14"	\$0.2240 per image
11" x 14" (burst)	\$0.2240 per image
11" x 17" (burst)	\$0.2464 per image
18" x 24"	\$0.5600 per image
24" x 36"	\$0.8400 per image
Optional 300 dpi	\$0.0016 add per image
200 dpi (Double sided, duplex)	
8 1/2" x 11"	\$0.1904 per image
8 1/2" x 14"	\$0.2240 per image
Optional 300 dpi	\$0.0016 add per image

Wave Instruments Corporation
 -Conversion Services-
 Published Price List
 April 1998

Description	List Price
400 dpi (Single sided, simplex)	
8 1/2" x 11"	\$0.2016 per image
8 1/2" x 14"	\$0.2240 per image
11" x 14"	\$0.2464 per image
11" x 14" (burst)	\$0.2464 per image
11" x 17" (burst)	\$0.2800 per image
18" x 24"	\$0.6720 per image
24" x 36"	\$1.01 per image
400 dpi (Double sided, duplex)	
8 1/2" x 11"	\$0.2340 per image
8 1/2" x 14"	\$0.2576 per image
35MM Microfiche	
200 dpi	
8 1/2" x 11"	\$0.1758 per image
8 1/2" x 14"	\$0.2016 per image
11" x 14"	\$0.2240 per image
11" x 14" (burst)	\$0.2240 per image
11" x 17" (burst)	\$0.2464 per image
18" x 24"	\$0.5600 per image
24" x 36"	\$0.8400 per image
36" x 48"	\$1.12 per image
36" x 72"	\$1.68 per image
Roll Size	\$1.68 per image
Optional 300 dpi	\$0.0016 add per image
400 dpi	
8 1/2" x 11"	\$0.2016 per image
8 1/2" x 14"	\$0.2240 per image
11" x 14"	\$0.2464 per image
11" x 14" (burst)	\$0.2464 per image
11" x 17" (burst)	\$0.2800 per image
18" x 24"	\$0.6720 per image
24" x 36"	\$1.01 per image
36" x 48"	\$1.40 per image
36" x 72"	\$1.96 per image
Roll Size	\$1.96 per image
COM Microfiche	
200 dpi	
8 1/2" x 11"	\$0.1568 per image
11" x 14"	\$0.1758 per image
OCR Conversion to ASCII	\$1.12 per page

Wave Instruments Corporation
 -Conversion Services-
 Published Price List
 April 1998

Description	List Price
105MM Microfiche	
200 dpi	
8 1/2" x 11"	\$0.1277 per image
11" x 14"	\$0.1277 per image
OCR Conversion to ASCII	\$1.12 per hour
3 x 5	
200 dpi	
8 1/2" x 11"	\$0.1277 per image
Optional 300 dpi	\$0.0016 per page
4 x 6	
200 dpi	
8 1/2" x 11"	\$0.1758 per image
Optional 300 dpi	\$0.0016 per page
35MM Aperture Cards	
200 dpi	\$1.04 per image
300 dpi	\$1.20 per image
400 dpi	\$1.36 per image
A size in 4 up mode carved to 4 separate images	\$0.5600 add per card
Indexing	
Key Data Entry	\$0.0144 per keystroke
Quality Control	
Random Spot Checking	\$0.0016 per image
Inspect each image	\$0.0112 per image
Image Clean up	
Image Clean up (despeckle/deskew)	\$0.0560 per image
Border Removal	\$0.0560 per image
Optical Character Recognition (OCR)	
OCR	\$0.9520 per image
OCR Clean up	\$22.40 per hour
PDF Conversion	
Image conversion to PDF Format	\$1.68 per image
Barcode Recognition	
	\$0.0112 per image
Greyscale Scanning	
	\$0.0400 per image
On Site Conversion Services	
	6% increase
Microfilm Shredding	
	\$3.40 per cubic foot

Wave Instruments Corporation
 -Conversion Services-
 Published Price List
 April 1998

Description	List Price
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PAPER TO MICROFORM CONVERSION

DOCUMENT PREPARATION

\$9.60 per hour

Removal of any staples, paper clips, rubber bands, excess tape, etc.
Smaller documents will be taped onto an 8 1/2 x 11 piece of paper
Repair of torn sheets and insertion of Patch Sheets
Film Writing and Data Capture included

Document Preparation On-Site

\$20.00 per hour

16MM Rotary Microfilming

Automatic Feed, single level

Less than 8.5" x 11"	\$0.2500 per frame
8 1/2" x 11"	\$0.0255 per frame
8 1/2" x 14"	\$0.0304 per frame
11" x 14"	\$0.0347 per frame

Hand Feed, single level

Less than 8.5" x 11"	\$0.0347 per frame
8 1/2" x 11"	\$0.0347 per frame
8 1/2" x 14"	\$0.0347 per frame
11" x 14" (burst)	\$0.0392 per frame
Combination of above sizes	\$0.0560 per frame

Automatic Feed, Two or Three Level Blipping w/ Patch Sheets

Less than 8.5" x 11"	\$0.0280 per frame
8 1/2" x 11"	\$0.0304 per frame
8 1/2" x 14"	\$0.0304 per frame
11" x 14" (burst)	\$0.0347 per frame

Hand Feed, Two or Three Level Blipping w/ Patch Sheets

Less than 8.5" x 11"	\$0.0392 per frame
8 1/2" x 11"	\$0.0392 per frame
8 1/2" x 14"	\$0.0392 per frame
11" x 14" (unburst)	\$0.0448 per frame
Mixture of above sizes	\$0.0672 per frame

Roto-line Computer Printouts

8 1/2" x 11" (unburst)	\$0.0112 per frame
8 1/2" x 14" (unburst)	\$0.0112 per frame
11" x 14" (unburst)	\$0.0080 per frame
11" x 17" (unburst)	\$0.0080 per frame

Wave Instruments Corporation
 -Conversion Services-
 Published Price List
 April 1998

Description	List Price
Additional Services	
Document imprinting	\$0.0056 per character
Patch sheet for blipping	\$0.0448 per sheet
Barcode sheets	\$0.0448 per sheet
Document Bursting	\$0.0224 per page
16MM Planetary Microfilming	
Single level or no blipping	
8 1/2" x 11"	\$0.0250 per frame
8 1/2" x 14"	\$0.0250 per frame
11" x 14"	\$0.0289 per frame
11" x 14" (burst)	\$0.0288 per frame
11" x 17" (B size)	\$0.0288 per frame
18" x 24"	\$0.4256 per frame
24" x 36"	\$0.4256 per frame
Combination of smaller and up to 11" x 14" w/ fixed reduction ratio	\$0.0288 per frame
Additional Services	
On-Site Microfilming	6% increase
On-Site Setup	\$336.00 per event
Two or Three Level Blipping	
8 1/2" x 11"	\$0.0336 per frame
8 1/2" x 14"	\$0.0336 per frame
11" x 14"	\$0.0143 per frame
11" x 14" (burst)	\$0.0336 per frame
11" x 17" (burst)	\$0.0143 per frame
18" x 24"	\$0.4480 per frame
24" x 36"	\$0.4480 per frame
Combination of smaller and up to 11" x 14" w/ fixed reduction ratio	\$0.0336 per frame
Additional Services	
On-Site Microfilming	6% increase
On-Site Setup	\$336.00 per event
35MM Planetary (Engineering)	
8.5" x 11" (1 up)	\$0.2240 per image
8.5" x 11" (4 up)	\$0.8400 per image
11" x 14" (burst)	\$0.3920 per image
11" x 17" (B size)	\$0.3920 per image
18" x 24" (C size)	\$0.4480 per image
24" x 36" (D size)	\$0.4480 per image
36" x 48" (E size)	\$0.5040 per image
48" x 72" (J size)	\$0.5040 per image
35MM roll size	\$0.5040 per image
Book cradle filming	\$0.2240 per page

Wave Instruments Corporation
 -Conversion Services-
 Published Price List
 April 1998

<i>Description</i>	<i>List Price</i>
Additional Services	
On-Site	6% increase
On-Site setup	\$336.00 per event
35MM Planetary (Mil-spec)	
Setup up for Job	\$840.00 per event
Index creation	\$28.00 per hour
8.5" x 11" (1 up)	\$0.5600 per frame
8.5" x 11" (4 up)	\$0.8400 per frame
11" x 14" (burst)	\$0.5600 per frame
11" x 17" (B size)	\$0.5600 per frame
18" x 24" (C size)	\$0.6160 per frame
24" x 36" (D size)	\$0.6160 per frame
36" x 48" (E size)	\$0.6720 per frame
48" x 72" (J size)	\$0.6720 per frame
35MM roll size	\$0.6720 per frame
105MM Step and Repeat Microfilming	
8 1/2" x 11"	\$0.0952 per frame
8 1/2" x 14"	\$0.0952 per frame
11" x 14"	\$0.0952 per frame
11" x 17"	\$0.1400 per frame
Computerized Fiche Titrting	\$1.29 per fiche
Processing	
16MM Roll Microform 100' length	\$2.80 per roll
16MM Roll Microform 215' length	\$3.99 per roll
Microfilm Duplication	
16MM (100')	\$4.00 per roll
16MM (100') Silver	\$8.00 per roll
16MM (215')	\$4.80 per roll
16MM (215') Silver	\$9.60 per roll
16MM Microfilm Jacket (Diazo)	\$0.2800 per jacket
Aperture Card (Diazo)	\$0.2800 per card
Quality Control and Inspection	
<i>Film Cleaning, Rewinding, Inspection</i>	
16MM 100' Roll	\$1.60 per roll
16MM 215' Roll	\$3.20 per roll

Wave Instruments Corporation
 -Conversion Services-
 Published Price List
 April 1998

Description	List Price
Miscellaneous Services	
3M Cartridge Purchase, Load and Label	\$4.20 per cartridge
ANSI Cartridge Purchase, Load and Label	\$3.92 per cartridge
16MM Jacket Purchase, Load and Label	\$1.12 per jacket
35MM Jacket Purchase, Load and Label	\$0.8960 per jacket
Aperture Card Purchase and Load	\$0.3360 per card
Aperture Card - Key punching	\$0.0320 per keystroke
Box Indexing of Customer Documents	\$9.60 per hour
Typing Jackets	\$0.1602 per jacket
Typing Labels	\$1.20 per label
Indexing	
CAR System	\$0.0144 per keystroke
Key Data Entry	\$0.0144 per keystroke
Storage	
Storage of Original microfilm in secure, climate controlled environment	\$0.2240 per box/month
Storage of boxes	\$0.8400 per box/month
Pickup and Delivery	
Pickup and Delivery of documents for conversion	\$0.5600 per mile
Plain Paper Blowback from Microforms	
From 16MM Microfiche	
8 1/2" x 11"	\$0.2800 per page
8 1/2" x 14"	\$0.3360 per page
11" x 17" (B size)	\$0.5600 per page
18" x 24" (C size)	\$1.40 per page
24" x 36" (D size)	\$2.80 per page
From 16MM Microfilm: non-blipped, sequential	
8 1/2" x 11"	\$0.1680 per page
8 1/2" x 14"	\$0.2240 per page
11" x 17" (B size)	\$0.5600 per page
From 16MM Microfilm: non-blipped, non-sequential	
8 1/2" x 11"	\$0.2800 per page
8 1/2" x 14"	\$0.3360 per page
11" x 17" (B size)	\$0.8400 per page
From 16MM Microfilm: auto-print from blipped film	
8 1/2" x 11"	\$0.1344 per page
From 35MM Microfilm or Microfiche	
8 1/2" x 11"	\$0.2800 per page
8 1/2" x 14"	\$0.3360 per page
11" x 17" (B size)	\$0.5600 per page
18" x 24" (C size)	\$1.40 per page
24" x 36" (D size)	\$2.80 per page
Additional Services	
Copy-Flow Printing	\$0.1344 per foot
Auto Printing of COM Microfiche	\$0.1344 per image
Document Shredding	\$2.40 per cubic foot

Wave Instruments Corporation
-Conversion Services-
Published Price List
April 1998

Description	List Price
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MISCELLANEOUS CONVERSION SERVICES

Computer Output to Microfiche

Microfiche Master	\$3.08 per master
Microfiche Duplicate	\$0.2016 per duplication
16MM Microfilm	\$0.0224 per image
Tape Conversion	\$56.00 per event

Computer Output to Optical Disk

Image Conversion	\$0.0224 per image
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Computer Output to CD-ROM

Image Conversion	\$0.0224 per image
Duplicate CD	\$50.40 per CD
Tape Conversion	\$56.00 per event

Microfilm Reformatting

Single Level Blipping	\$39.20 per roll
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Image (TIFF) Conversion to Microfilm

16MM conversion	\$0.0728 per image
35MM conversion	\$0.1400 per image
Microfiche conversion	\$0.1400 per image

Professional Services

\$207.20 per hour

Optical Reduction (35MM to 16MM film)

\$39.20 per roll

Media Conversion

\$140.00 per event

Blowback From Image

A size	\$0.2800 per page
B size	\$2.80 per page
C size	\$5.60 per page
D size	\$16.80 per page
E size	\$28.00 per page

Transportation of Documents/Media

\$0.5600 per mile

Pickup and delivery of documents and media.