ScanPro 1000 shown with optional combination fiche, aperture card, motorized 16/35mm roll film carrier
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LIMITED WARRANTY

LIMITED WARRANTY. The manufacturer warrants to the original purchaser that this product is free from defects in material and workmanship, under normal use, providing that service and maintenance is in accordance with the manufacturer’s instructions. The period of warranty time shall be as follows:

- Microfilm ScanPro 1000: One year from the date of shipment from the manufacturer’s factory or warehouse.
- Roll film attachments, and other accessories: Ninety (90) days from the date of shipment from the manufacturer’s factory or warehouse.
- Products and items resold by the manufacturer are warranted by the original supplier. The warranty terms and warranty registration materials are included with each item. It is the responsibility of the end user to complete the documentation and to contact the supplier for follow-up service and support. Products included in this warranty category include but are not limited to computers, computer accessories, laser printers, and monitors.

The manufacturer’s sole obligation shall be, at the discretion of the manufacturer, limited to the repair or replacement of parts or products manufactured by manufacturer, and which are determined by the manufacturer to be defective within the applicable warranty period. Such defective items must be returned to the manufacturer, after return authorization is obtained from the manufacturer, with shipping and handling charges prepaid.

All items and products returned to the manufacturer for warranty claims require a RETURN AUTHORIZATION NUMBER (RA number) to be issued by the manufacturer's customer service. The RA number must appear legibly on all return cartons. Failure to obtain an RA number or to package the item properly may result in a loss or reduction of credit.

THE LIMITED WARRANTIES CONTAINED IN THIS AGREEMENT ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY REGARDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, RELATING TO THE USE OR PERFORMANCE OF THE PRODUCTS. THE MANUFACTURER WILL NOT BE LIABLE FOR PERSONAL INJURY OR PROPERTY DAMAGE (UNLESS CAUSED SOLELY BY THE MANUFACTURER’S NEGLIGENCE) LOSS OF PROFIT OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCTS.

This limited warranty does not extend to any product which has been subject to misuse, neglect or accident, damage caused by the use of supplies or parts not technically satisfactory, repairs or modifications not approved by the manufacturer. This Limited Warranty does not apply to the following: damage caused in shipping, glass breakage, lamps or supplies which requires periodic replacement due to normal use or wear. The manufacturer does not assume responsibility for consequential damages of any nature and shall not be liable for damages resulting from malfunctions or interruptions in the operation or function of the manufacturer’s products.

FOR ALL WARRANTY CLAIMS, THE USER/CUSTOMER SHOULD CONTACT THE SELLING DEALER/DISTRIBUTOR SALES OFFICE. THE DEALER/DISTRIBUTOR SHOULD CONTACT MANUFACTURER’S TECHNICAL SERVICE DEPARTMENT.

7/2006
UNBOXING INSTRUCTIONS

UNBOXING THE SCANPRO 1000 FROM THE SHIPPING CARTON.

A. Slit tape and open outer box flaps, Fig 1.
B. Remove ACCESSORIES BOX and REMOVE ALL ITEMS that are inside, Fig 1.
C. Slit tape and open inner box flaps, Fig 2.
D. Remove LEFT and RIGHT INSERTS, Fig 2.

E. GRASP Scanner as shown in Fig 3 with fingers extending under top cover and LIFT out of inner shipping box.
F. PLACE the Scanner on a sturdy level surface, Fig 4, and remove the protective plastic bag, the retaining tape on the FICHE CARRIER, and foam pad between glass.

Save all packing materials in case you need to move or ship your SCANNER.
PRECAUTIONS AND SUGGESTIONS

Keep the MICROFILM SCANNER well ventilated.
Do not block fan ventilation holes at the bottom of the unit. Avoid installation in dusty places.
NOTE: PLACE ON FLAT, EVEN, HARD STURDY SURFACE (NOT CARPETED).

COMPUTER FIREWIRE PORT
We have included a FireWire card with your purchase, we highly recommend that you use this card. The Microfilm Scanner connects to your computer FireWire port using the cable included with your Microfilm Scanner.

COMPUTER TO ScanPro1000 CABLE
A FireWire (IEEE 1394) cable is included with your scanner purchase. This cable meets all of the specifications for connecting your microfilm scanner to a computer. Use this cable to connect your microfilm scanner to your computer.

CONNECTING TO A LAPTOP
If you are connecting the ScanPro1000 to a laptop computer, you will need a power adaptor that can supply 12VDC 1.0A to the firewire cable (this is needed because a laptop firewire connection does not supply power to devices). A laptop power adaptor is available from e-Image Data, part number 9852500.
EQUIPMENT OVERVIEW

COMPACT DESKTOP, MICROFILM SCANNER
The ScanPro 1000 microfilm scanner (optional micro opaque capability) uses the latest digital technologies to bring you an exceptional compact viewer/scanner/printer that is sturdy and built for public use applications. This scanner provides many unique options and features that make it easy and efficient to work with all types of microfilm.

OPTICAL ZOOM LENS
Your ScanPro 1000 is equipped with a 7X to 54X ZOOM LENS system. This lens is factory installed.

OPTIONAL ROLL FILM CARRIER
If you have ordered a roll film carrier with your purchase, it is shipped in its own carton. Follow the instructions sent with the roll film carrier to install it onto your scanner.
Scanners are capable of inputting large amounts of data in relatively short periods of time. This can push your computer system to the limits of its capabilities. This means that you will need to evaluate the systems capabilities based on your intended scanning requirements. Your evaluation of system capability will need to consider processing speed, computer memory (RAM), and hard disk storage. Major factors to consider are scan type and resolution. High resolution gray scale scans are much more demanding than Half-Tone scans for both processing speed and memory.

If you will be using the Auto-Scan to automatically scan 35mm, 16mm, or cartridge roll film you should review the suggested computer requirements for that application.

**Minimum System Requirements when used with Windows 2000, XP, or Vista:**

see the following link:

http://e-imagedata.com/Win_SP1000_Computer_Req.htm

We have included a FireWire card with your purchase, we highly recommend that you use this card. The Microfilm Scanner connects to your computer FireWire port using the cable included with your Microfilm Scanner.
CONNECTING THE SCANNER TO THE COMPUTER

It has been our experience that NOT all computer FireWire ports and NOT all firewire cards operate the same way. It is strongly recommended that you use the FireWire card supplied with your purchase.

Connect your MICROFILM SCANNER to the COMPUTER using the FireWire CABLE shipped with your film scanner Fig1. This cable meets all of the specifications for this type of connection and it is strongly recommended that you use only this cable.

Connect the AC/DC Power Inverter to the Scanner and to your local AC power source shown below, Fig 1.

INSTALLING THE PowerScan SOFTWARE and DRIVER

You can download the latest PowerScan software and the ScanPro1000 SOFTWARE and DRIVER installation instruction sheet from this web page:  http://e-imagedata.com/DRIVERS
PowerScan SETUP MENU

SETUP Window PASSWORD is 1234
The password protected SETUP Window provides control over the following features:
1. Specify which control BUTTONS are available on the PowerScan TOOLBAR.
2. Specify the ORDER of the BUTTONS on the PowerScan TOOLBAR.
3. Specify the save-to location of SCANS (DRIVE #1 and DRIVE #2).
4. Specify the file name PREFIX.
5. Specify the file FORMAT that is used when a scan is made.
6. SHOW or HIDE the ROLL FILM CONTROL for motorized film carrier.
7. SHOW or HIDE the SAVE AS Window when scanning.
8. Specifies INCHES or MILLIMETERS.
9. Specify FIT TO PAGE size.
10. ENABLE or DISABLE Print Offset.

Toolbar:
Specifying which control BUTTONS appear on the PowerScan Toolbar.
The control button names are listed in two columns titled AVAILABLE CONTROLS and SELECTED CONTROLS as shown on the SETUP Window, Fig 2. The SELECTED CONTROLS list specifies which controls are shown on the PowerScan TOOLBAR. The AVAILABLE CONTROLS list specifies which control buttons are NOT shown on the PowerScan TOOLBAR.
A. To add a control button to the PowerScan Toolbar, highlight the control button name on the AVAILABLE CONTROLS list by clicking on it and then CLICK the ADD button located between the AVAILABLE CONTROLS list and SELECTED CONTROLS list.
B. To delete a control button from the PowerScan Toolbar, highlight the control button name on the SELECTED CONTROLS list by clicking on it and then CLICK the DELETE button located between the AVAILABLE CONTROLS list and SELECTED CONTROLS list.

The order of the control buttons on the PowerScan toolbar is determined by the order of the control button names shown on the SELECTED CONTROLS list. To change this order, highlight a control button name and CLICK the “+” or “-” below the SELECTED CONTROLS list.
SPECIFICATIONS

TYPE: Desktop, Compact Digital Microfilm Scanner

TYPE OF FILM: Positive and negative film
Microfiche, jackets, aperture cards
16mm & 35mm roll film open spool
16mm cartridge film (3M)
Micro opaques (optional)

SCREEN SIZE: Any size Windows compatible video display

VIEWING: Live viewing with magnifier

MAGNIFICATIONS: Single zoom lens 7X to 54X

IMAGE ROTATION: 360° Optical and Digital

FOCUS CONTROL: Auto and Manual

SCANNING SPEED: High resolution scan in one second

SCANNING RESOLUTION: Selectable 150, 200, 300, 400, 600

FILE FORMATS: All common file formats including JPEG, PDF, TIFF. TIFF (LZW),
TIFF (Group 4), PDF (Multipage), TIFF (Multipage), TIFF (LZW Multi-
page), TIFF (Group 4 Multipage)

SCAN MODE: Grayscale
Half-Tone

CONTROLS: Graphic buttons with customizable tool bar

COMPATIBLE OPERATING SYSTEMS: Windows 2000, XP, Vista

HARDWARE INTERFACE: FireWire IEEE 1394

DIMENSIONS (H x W x L): 7.5” x 12” x 16” (190mm x 305mm x 406mm)

WEIGHT: 19.5lbs. (9kg)

POWER: 100-240VAC 50/60Hz