



# Desktop Compact Film Scanner

## Operator's Guide



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

*Microfilm* ScanPro™ 1000

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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.

# 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, Fig1.
- 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

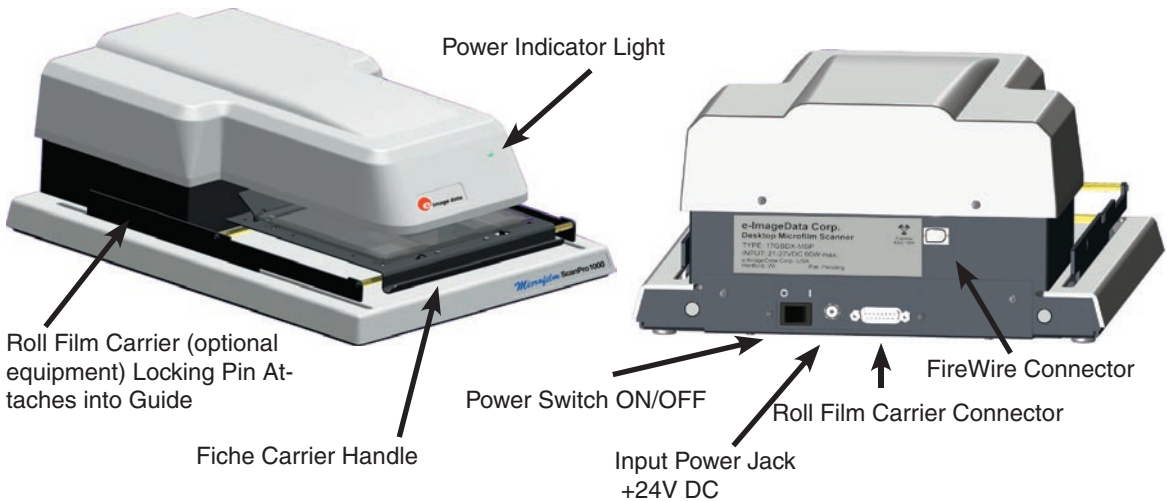
The ScanPro 1000 microfilm scanner (optional micro opaque capability) uses the latest digital technologies to bring you an exceptional compact viewer/scanner/printer that is sturdy and built for public use applications. This scanner provides many unique options and features that make it easy and efficient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



## **PC SYSTEM REQUIREMENTS**

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](http://e-imagedata.com/Win_SP1000_Computer_Req.htm)

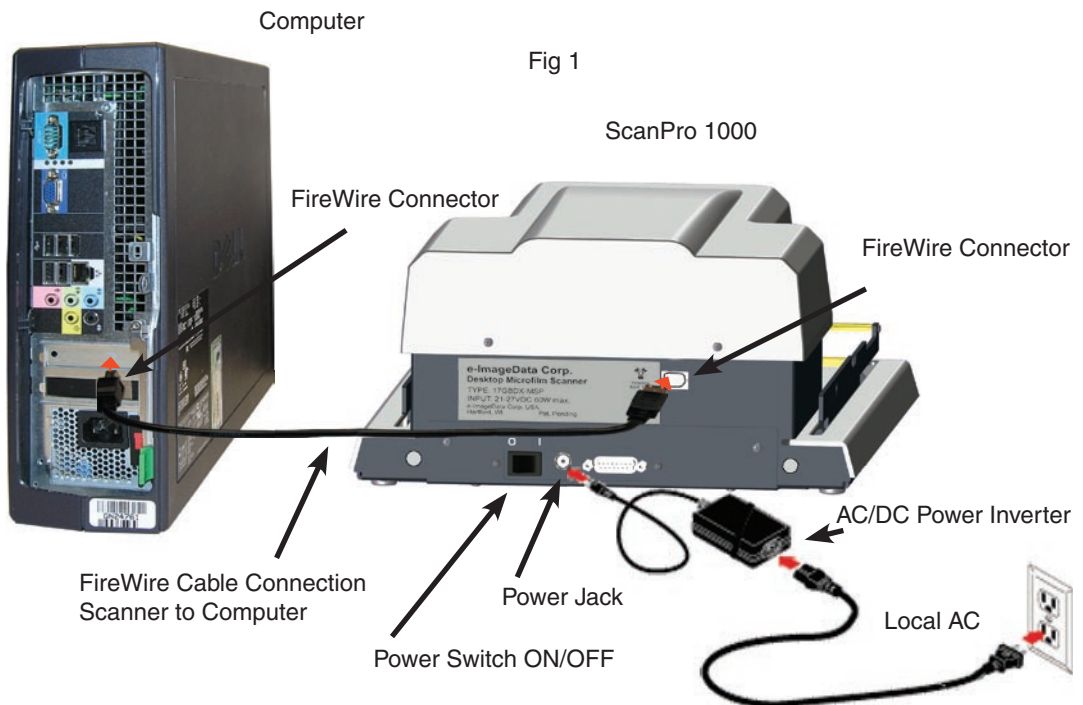
We have included a FireWire card with your purchase, we highly recommend that you use this card. The Microfilm Scanner connects to your computer FireWire port using the cable included with your Microfilm Scanner.

## 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

<b>TYPE:</b>	Desktop, Compact Digital Microfilm Scanner
<b>TYPE OF FILM:</b>	Positive and negative film Microfiche, jackets, aperture cards 16mm & 35mm roll film open spool 16mm cartridge film (3M) Micro opaques (optional)
<b>SCREEN SIZE:</b>	Any size Windows compatible video display
<b>VIEWING:</b>	Live viewing with magnifier
<b>MAGNIFICATIONS:</b>	Single zoom lens 7X to 54X
<b>IMAGE ROTATION:</b>	360° Optical and Digital
<b>FOCUS CONTROL:</b>	Auto and Manual
<b>SCANNING SPEED:</b>	High resolution scan in one second
<b>SCANNING RESOLUTION:</b>	Selectable 150, 200, 300, 400, 600
<b>FILE FORMATS:</b>	All common file formats including JPEG, PDF, TIFF. TIFF (LZW), TIFF (Group 4), PDF (Multipage), TIFF (Multipage), TIFF (LZW Mul- tipage), TIFF (Group 4 Multipage)
<b>SCAN MODE:</b>	Grayscale Half-Tone
<b>CONTROLS:</b>	Graphic buttons with customizable tool bar
<b>COMPATIBLE OPERATING SYSTEMS:</b>	Windows 2000, XP, Vista
<b>HARDWARE INTERFACE:</b>	FireWire IEEE 1394
<b>DIMENSIONS (H x W x L):</b>	7.5" x 12" x 16" (190mm x 305mm x 406mm)
<b>WEIGHT:</b>	19.5lbs. (9kg)
<b>POWER:</b>	100-240VAC 50/60Hz