

PSI

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Introduction

Welcome to Pakon Digital Imaging!

The PSI software is designed specifically for the Pakon F-235 and F-135 Digital Scanners. We hope you find this manual useful in learning how to use the Pakon scanner and PSI Interface Software.

This manual will help you learn how to fully utilize the potential of the scanner and harness its abilities. It is divided into small sections to help you both learn quickly and use it as a reference in learning more and more about the capabilities of your Pakon scanner!

How to Guides

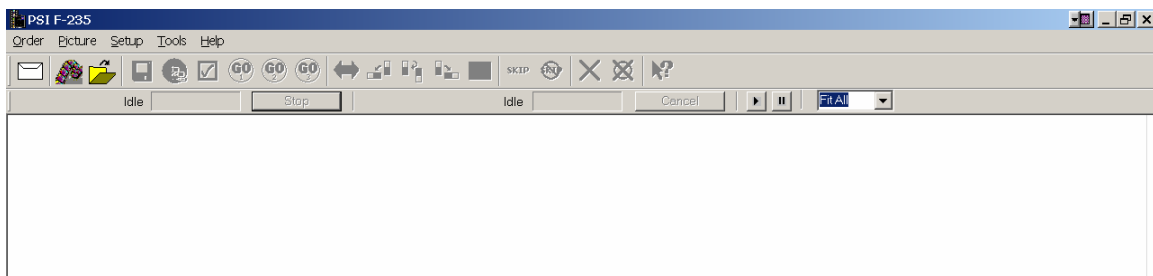
Getting Started

These simple instructions will ensure that the scanner communicates properly with the host PC.

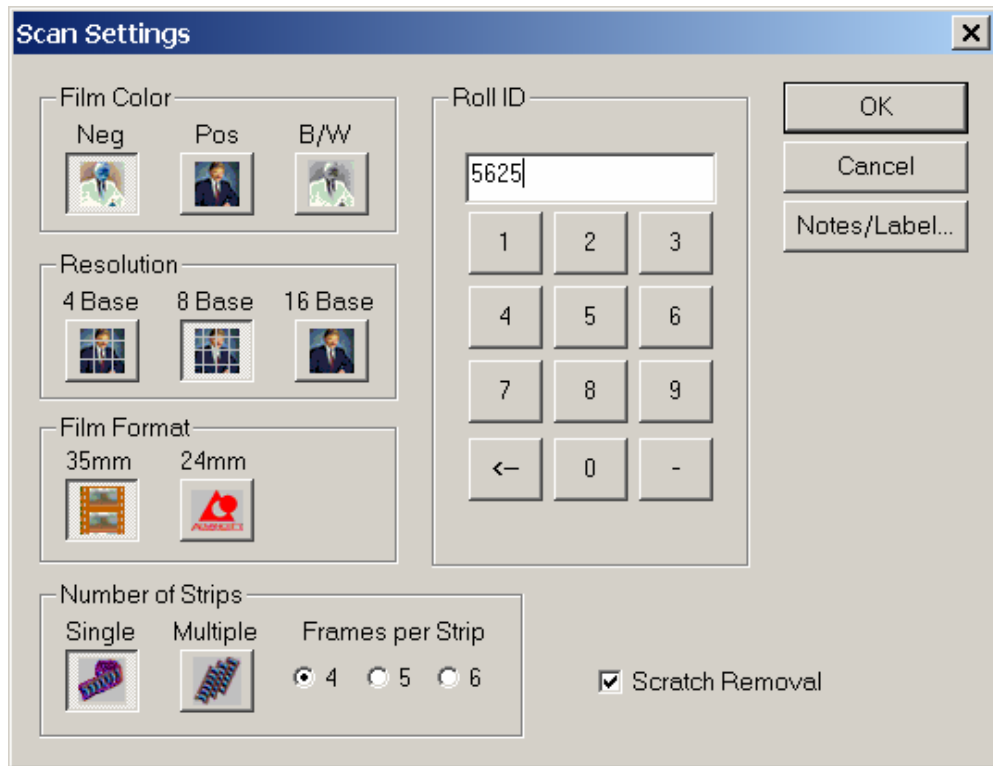
1. Turn on the host computer.
2. Allow Windows to finish loading.
3. Turn on the Pakon film scanner.
4. Launch the PSI application.

How to: Scan

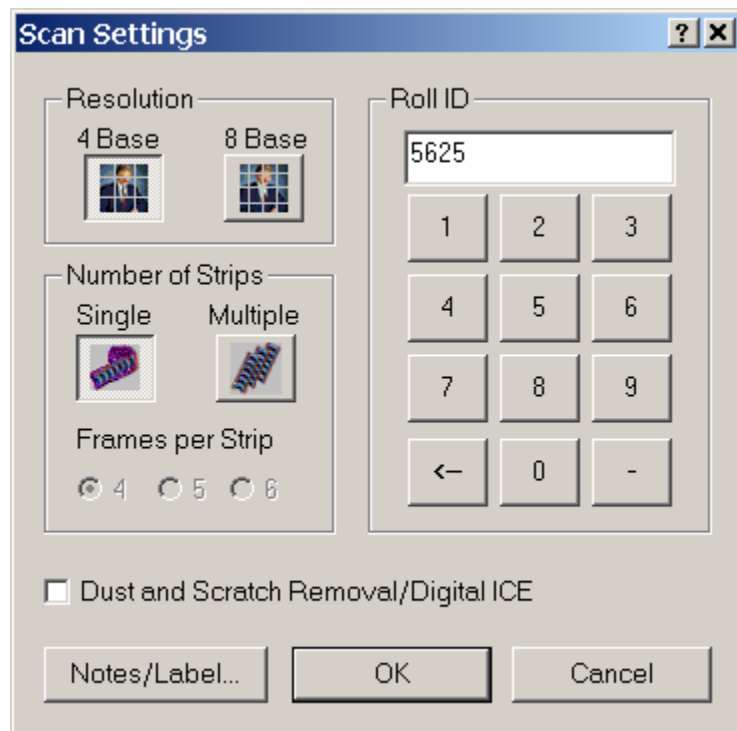
The scanning interface is designed to be simple and straightforward for even the most inexperienced operator. Once the PSI Software is loaded, the screen should look like this:



Click on the Scan button to order a roll from film. This will open the Scan Settings dialog box, seen below.

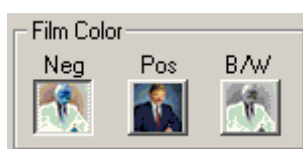


The F-135 Scan Dialog will appear like this:

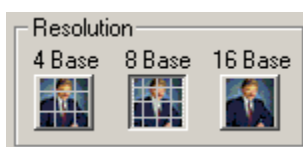


Select the Film Color

Film Color	Description
Neg.	Color Negative
Pos.	Positive/Color Reversal
B/W	Black and White



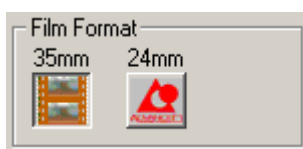
There are three resolutions available for the F-235.



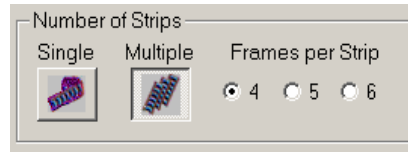
Select the Desired Resolution.

Resolution	Pixel Size (HxW)	Advantage(s)	Disadvantage(s)
4Base	1000x1500	Good Quality, Fast	Lower Quality Image
8Base	1400x2100	Very Good Quality, Fast Speed	Second Best Quality, Slower than 4Base
16Base	2000x3000	Excellent Quality	Slowest Scan Speed

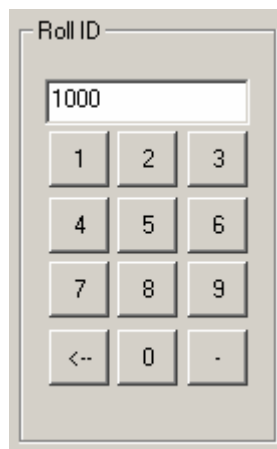
The F-235 can scan both 35mm and 24mm (APS) film.



The F-235 can scan film in roll, or strip format. If scanning strips, the minimum length of a strip must be 4 frames.



The Roll ID, or Twin Check number can be added to identify the order.



Other Options:

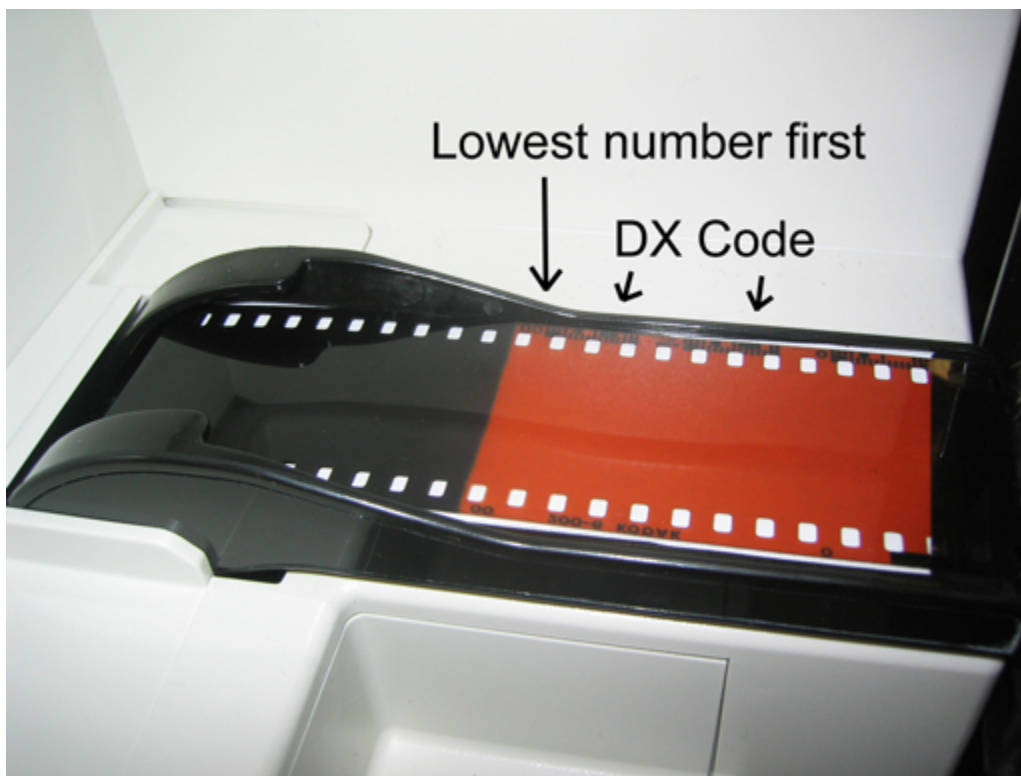


Note: This option is not available when scanning in Black and White mode.

When all the appropriate options are set, click on "OK" to begin the scan.

F-235 and F-335

Insert the film with the DX Code to the back of the scanner, starting with the lowest number first, as shown below:



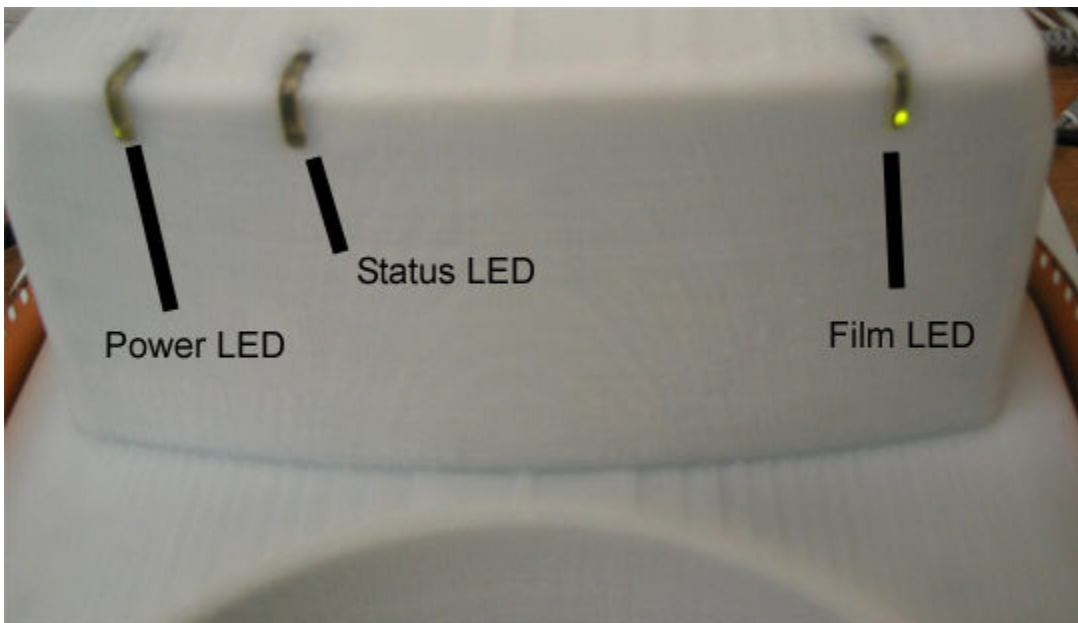
F-135

Insert the film with the DX code up starting with the lowest number first, as shown below:

PSI



F-135 LED's



Power LED

Off - there is no power to the scanner.
Green - the scanner is on.

Status LED

Solid Green - The scanner is ready.

Blinking Green - The scanner is scanning

Blinking Yellow - The scanner is unable to scan at the moment

Blinking Red - The scanner is reporting an error.

Off - The scanner is not functioning properly.

Film LED

Off – there is no film in the scanner and there is no need to do anything

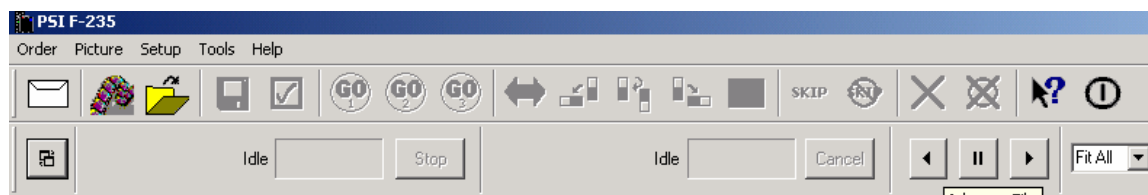
Blinking Green – Insert film to be scanned

Solid Green – Scanner is scanning the film in the scanner – do not insert film

Blinking Yellow – Remove film from the scanner

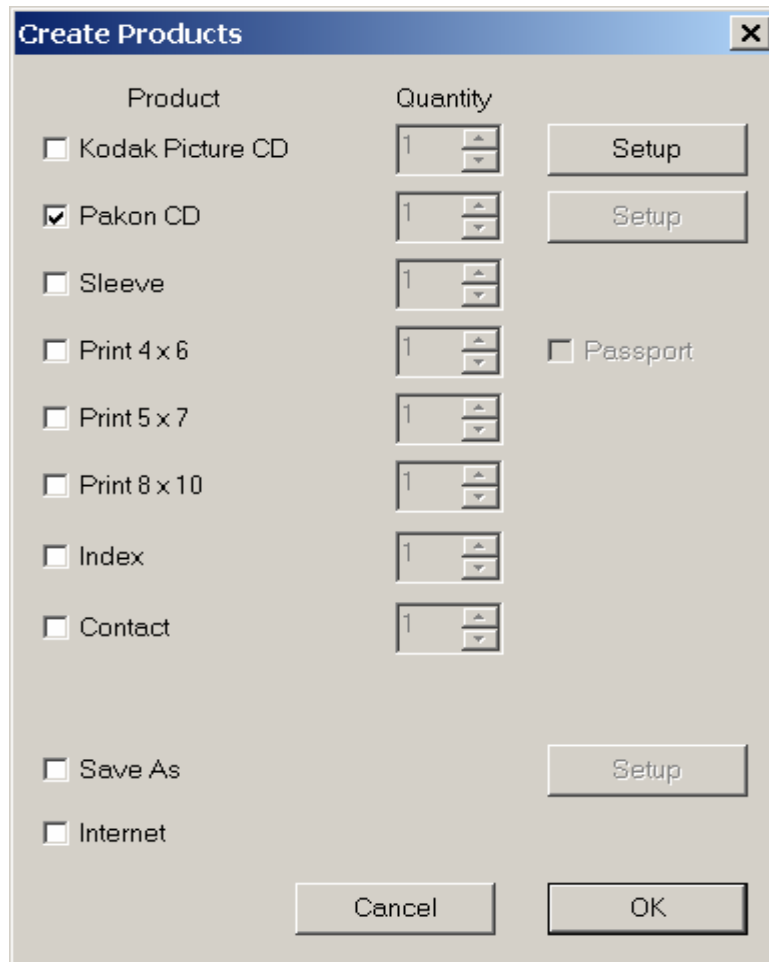
How to Make a Pakon CD

Once there are scanned images on the screen, the Order Products Button will become available.



Click on the Order Products Button to Open the Order Product Selection Box.

The Order Products Menu will open.

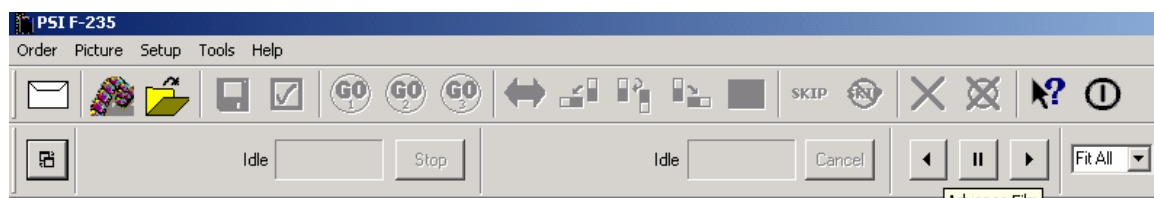


Check the "Pakon CD" box and select the quantity of Pakon CD's you wish to produce.

The "Setup" button loads the Pakon CD-R Properties.

How to Make a Kodak Picture CD

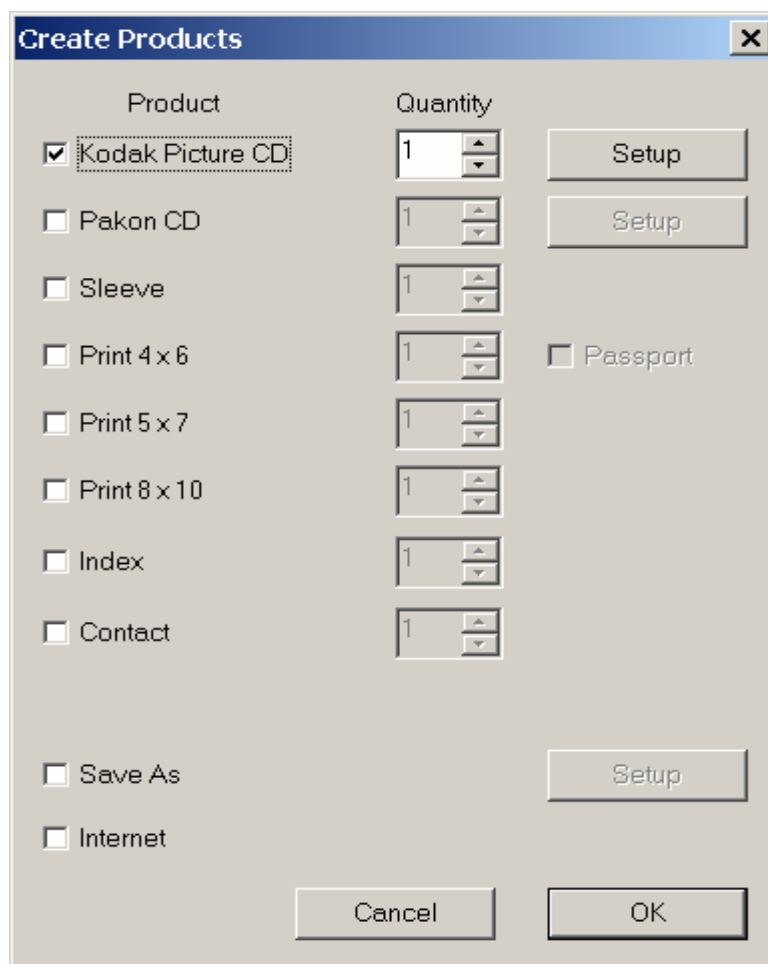
Once there are scanned images on the screen, the Order Products Button will become available.





Click on the Order Products Button to Open the Order Product Selection Box.

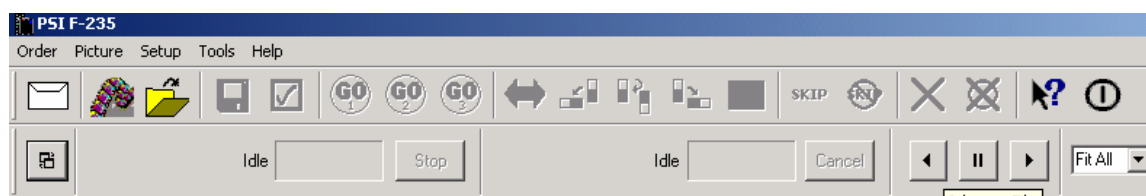
The Order Products Menu will open.



Click on the "Kodak Picture CD" box and select the quantity desired. Click on "OK" to begin making the CD.

How to Print a Sleeve

Once there are scanned images on the screen, the Order Products Button will become available.





Click on the Order Products Button to Open the Order Product Selection Box.

The Order Products Menu will open.

Product	Quantity	
☐ Kodak Picture CD	1	Setup
☐ Pakon CD	1	Setup
☒ Sleeve	1	
☐ Print 4 x 6	1	☐ Passport
☐ Print 5 x 7	1	
☐ Print 8 x 10	1	
☐ Index	1	
☐ Contact	1	
☐ Save As		Setup
☐ Internet		
Cancel		OK

Check the "Sleeve" box to print a Sleeve.

How To Make Single Prints

Once there are scanned images on the screen, the Order Products Button will become available.

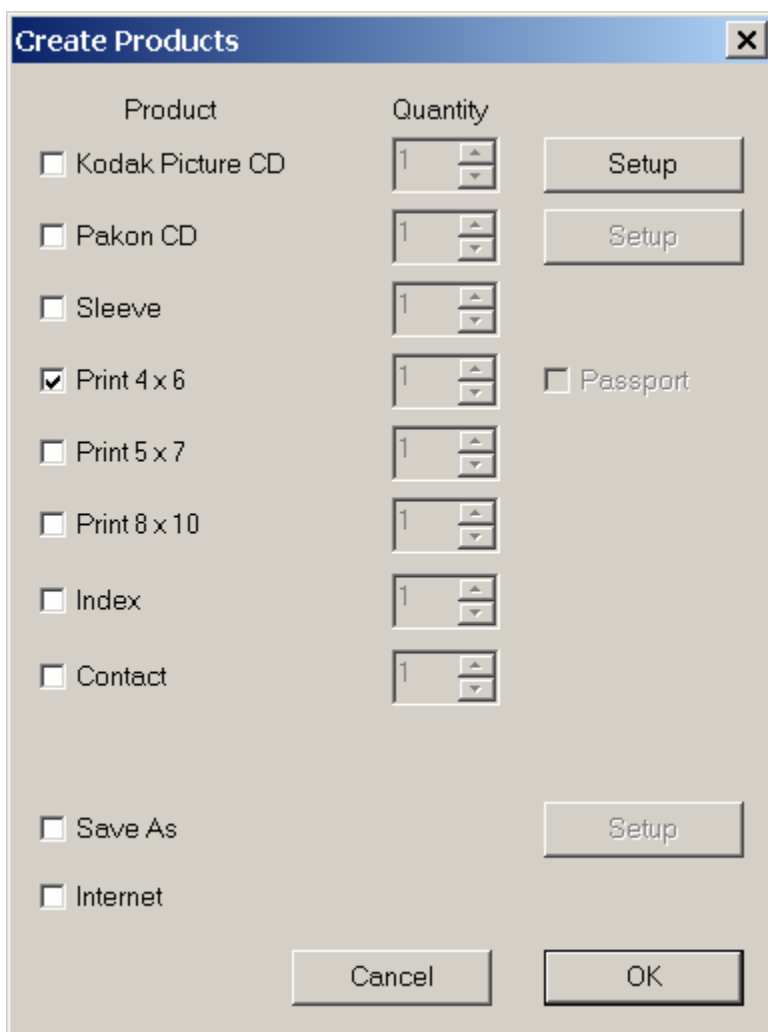


Select the image or images you would like to print by holding down the 'Ctrl' key on the keyboard and clicking on the image(s) you would like printed.



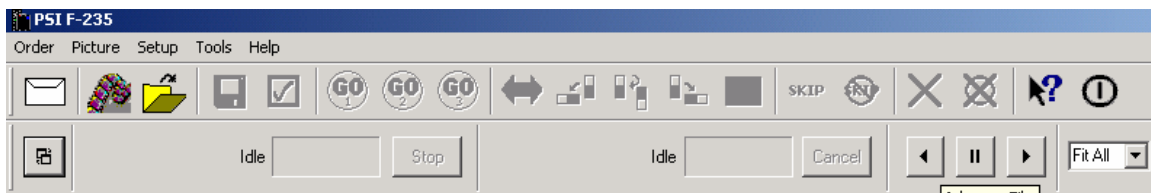
Click on the Order Products Button to Open the Order Product Selection Box.

The Order Products Menu will open. Check the box for the desired print size and quantity.



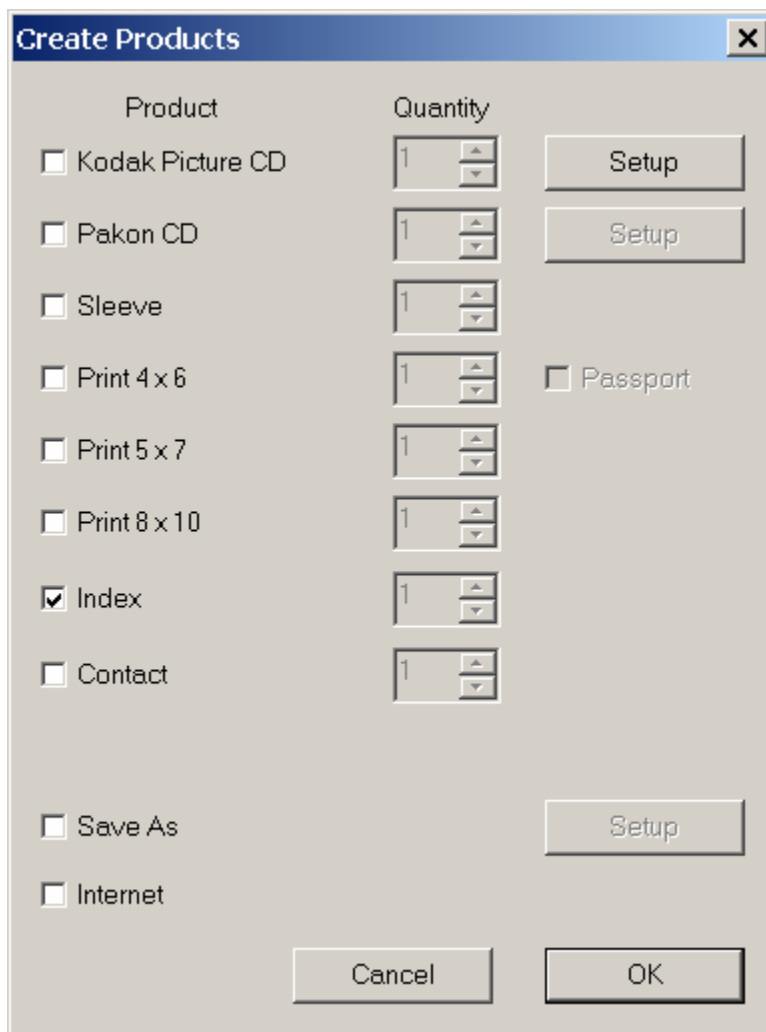
How to Make an Index Print

Once there are scanned images on the screen, the Order Products Button will become available.



 Click on the Order Products Button to Open the Order Product Selection Box.

The Order Products Menu will open.



The "Create Products" dialog box is a window with a title bar containing a close button (X). It contains a table with two columns: "Product" and "Quantity". The "Product" column lists various items with checkboxes: Kodak Picture CD, Pakon CD, Sleeve, Print 4 x 6, Print 5 x 7, Print 8 x 10, Index (checked), and Contact. The "Quantity" column shows a spinner control for each item, all set to 1. To the right of the table, there are "Setup" buttons for Kodak Picture CD, Pakon CD, and Print 8 x 10. There is also a "Passport" checkbox. At the bottom left, there are checkboxes for "Save As" and "Internet", with a "Setup" button to their right. At the bottom center are "Cancel" and "OK" buttons.

Product	Quantity
☐ Kodak Picture CD	1
☐ Pakon CD	1
☐ Sleeve	1
☐ Print 4 x 6	1
☐ Print 5 x 7	1
☐ Print 8 x 10	1
☒ Index	1
☐ Contact	1

☐ Passport

☐ Save As

☐ Internet

Buttons: Setup, Setup, Setup, Setup, Cancel, OK

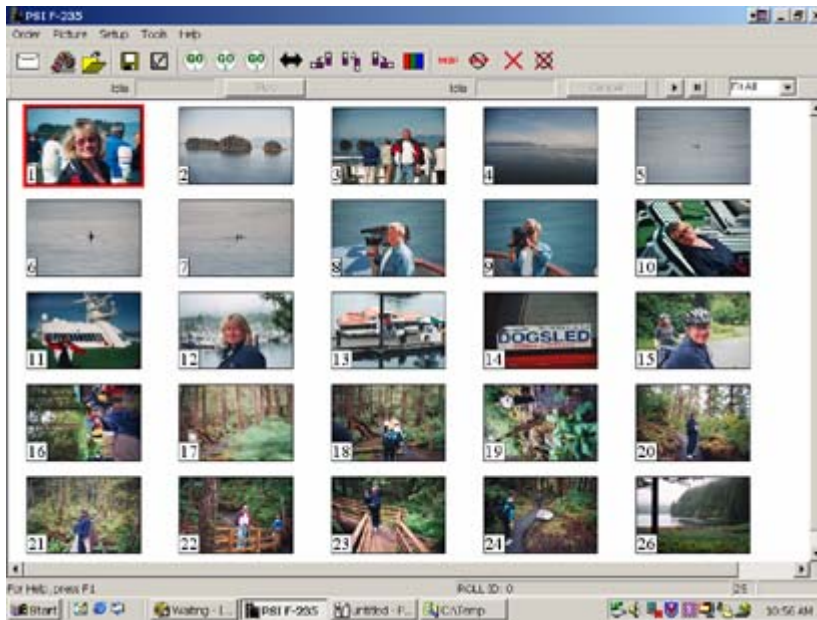
Check the "Index" box to create an Index print.

How to Crop an Image

PSI can be used to crop images.

After images are added to the order by scanning from the F-235 or imported from file, double-click on the image to crop.

PSI



The image will be enlarged on the screen.

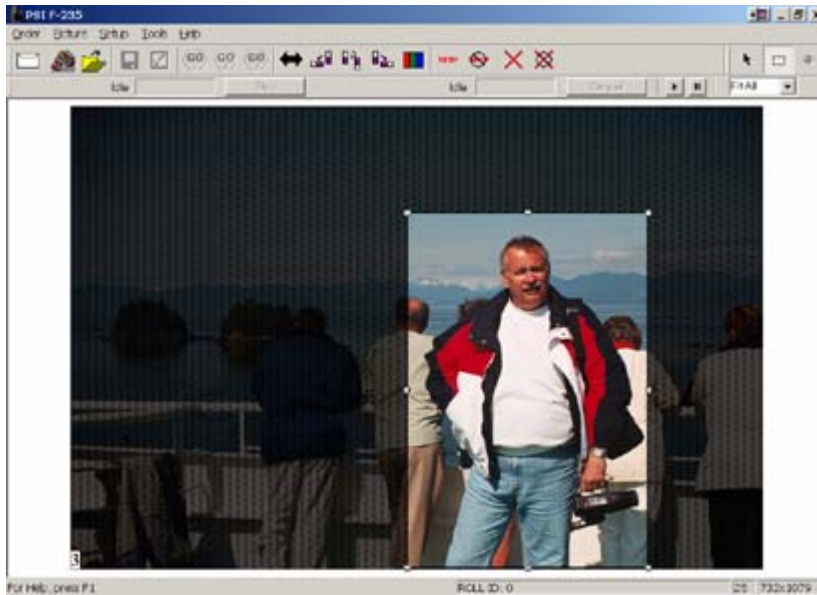


The crop tools are now displayed in the upper-right hand corner of the screen.



The arrow will move crop area over new image area.

The box will allow the operator to change new image area by shrinking or enlarging the crop space.



The cropped out image area will appear shaded in black.

How to Customize Logos

There are two logos that are used in the PSI program. They can be customized to reflect the name of the company or organization creating output materials.

Logo_CD.bmp



This is the logo printed onto Pakon CD's. The logo file is a bitmap and is 1083 x 661 pixels in dimension.

Logo_Master.bmp



This is the primary logo file, and is used for all printed output with the exception of Pakon CD's. This logo file is also a bitmap and is 1110 x 398 pixels in dimension.

Custom Logo's

To create custom logos, create files with the specified dimensions in an image editing software such as Microsoft Paint, Adobe Photoshop, Paint Shop Pro, etc.

Save these files to the following directory:

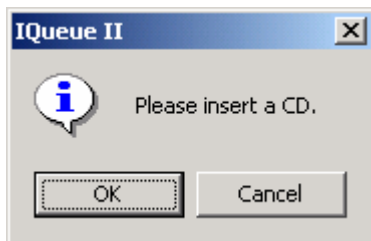
C:\Program Files\Pakon\PSI\IQ\Logos

It is important to keep the file names as they are shown above. PSI looks for these files when creating the output, and will only look for these files.

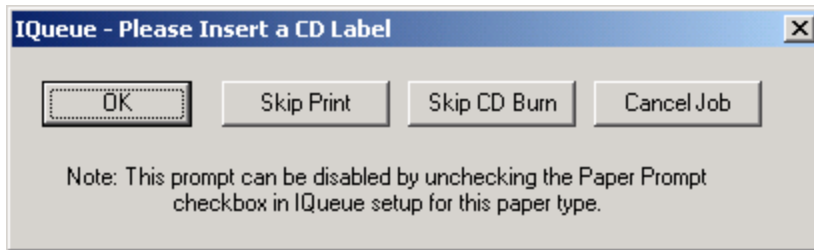
Re-Print a CD Label

To re-print a CD label, a blank CD will need to be in the CD-R drive.

When prompted to insert a blank CD, ensure that a blank CD is in the drive, and click, "OK."



The next prompt has four options:



"OK" will continue the CD job printing the CD label and writing the CD.

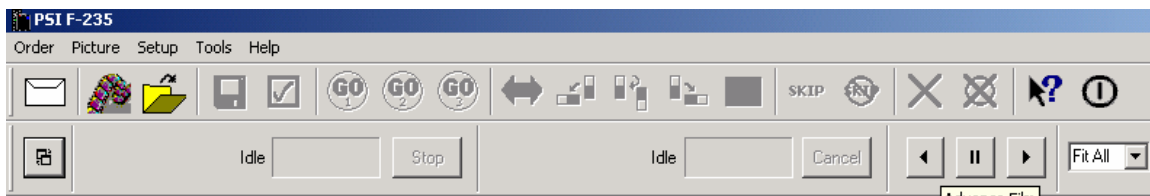
"Skip Print" will write the CD, but will NOT print the CD label. **Use this option to make a second CD.**

"Skip CD Burn" will print the CD label, but will NOT write the CD. **Use this option to make a new CD label.**

"Cancel Job" will cancel the entire job.

How to Shutdown the System

To turn the system off, click on the power button on the main tool bar, as shown below:



This button will close PSI, and turn the computer off.

Turn the monitor and scanner off using their respective power switches on each device.

PSI Easy Order Mode

PSI Easy Order

PSI Easy Order is offered as an optional user interface for the F-235 and is standard when using the F-135, designed so that the operator can interact with the Pakon scanner with a minimal amount of training.

If this user interface is not available, please contact your sales representative for more information about activating this exciting feature.

The PSI Easy Order is customized in the "Setup" menu in the Classic Mode.

Switching to PSI Easy Order
Enter Roll ID
Select Package
Select Source
Specify Film
Image Editing

Switching to PSI Easy Order

There are two modes of operation for PSI.

The classic mode is typically the default mode of operation. This is the 'classic' toolbar:



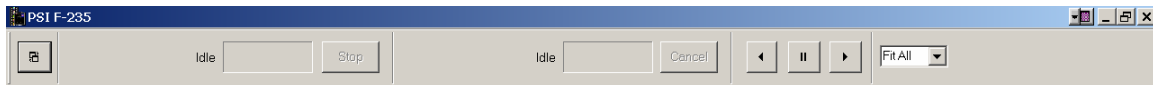
Click on the "Mode" button to switch to the "PSI Custom View."



PSI will prompt the operator for the password to switch modes. There is no password, by default.

If PSI is in the "PSI Easy Order," the toolbar appears as shown below:

PSI



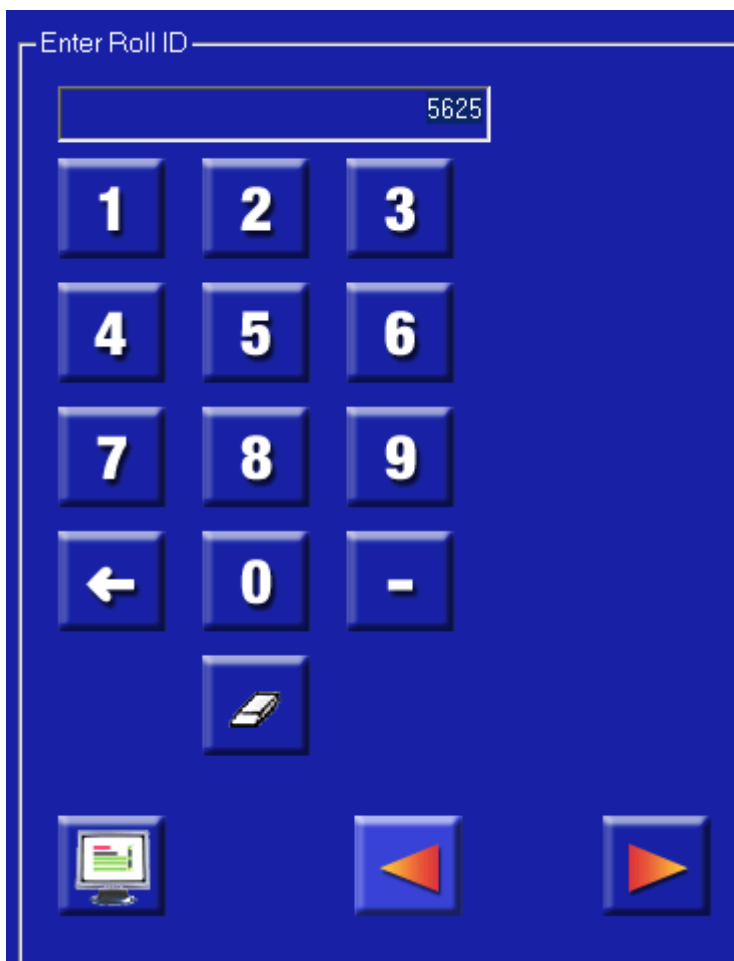
Click on the "Mode" button to switch to the "Classic" mode.



PSI will prompt the operator for the password to switch modes. There is no password, by default.

Enter Roll ID

Input the roll ID using by clicking on the numbers, or with the keyboard.



See the "General" options for information on the parameters for the Roll ID.



Click on the "IQueue Toggle" button to switch to the IQueue II program.

Click on the "Back" arrow to return to the previous screen.



Click on the "Forward" arrow to go to the next screen.



Select Packages

Select the desired package and continue. Only one package can only be selected, and it can only be selected once, so it is important to select the proper package. When more than one product is requested, select a package that includes all desired products, for example a Kodak Picture CD with a Folio.



The available packages can be modified by an operator with a password for the 'classic' mode. Refer to the "Easy Order" Setup.



Click on the "IQueue Toggle" button to switch to the IQueue II program.

Click on the "Back" arrow to return to the previous screen.

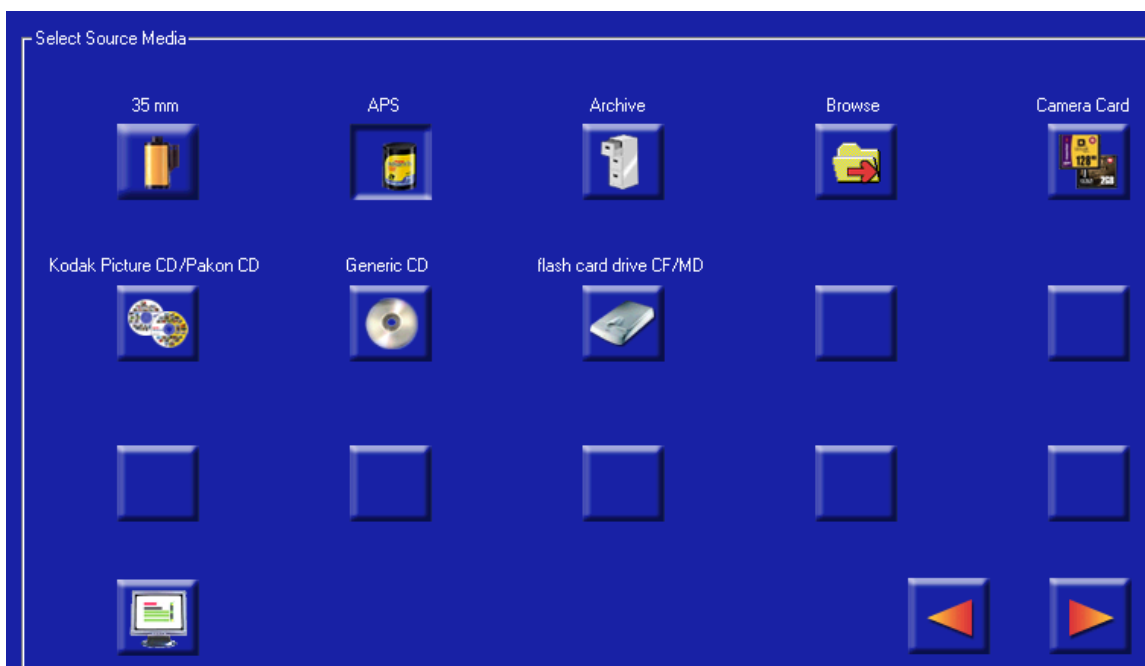


Click on the "Forward" arrow to go to the next screen.



Select Source

Select the "source" location for the images in the current order.



Selecting "35 mm" or "APS" will use the F-235 scanner to scan film.

Selecting "Archive" will open images from recently scanned film.

Selecting "Browse" will open the Windows Explorer window and will allow the operator to open from file, or camera cards.



Click on the "IQueue Toggle" button to switch to the IQueue II program.

Click on the "Back" arrow to return to the previous screen.

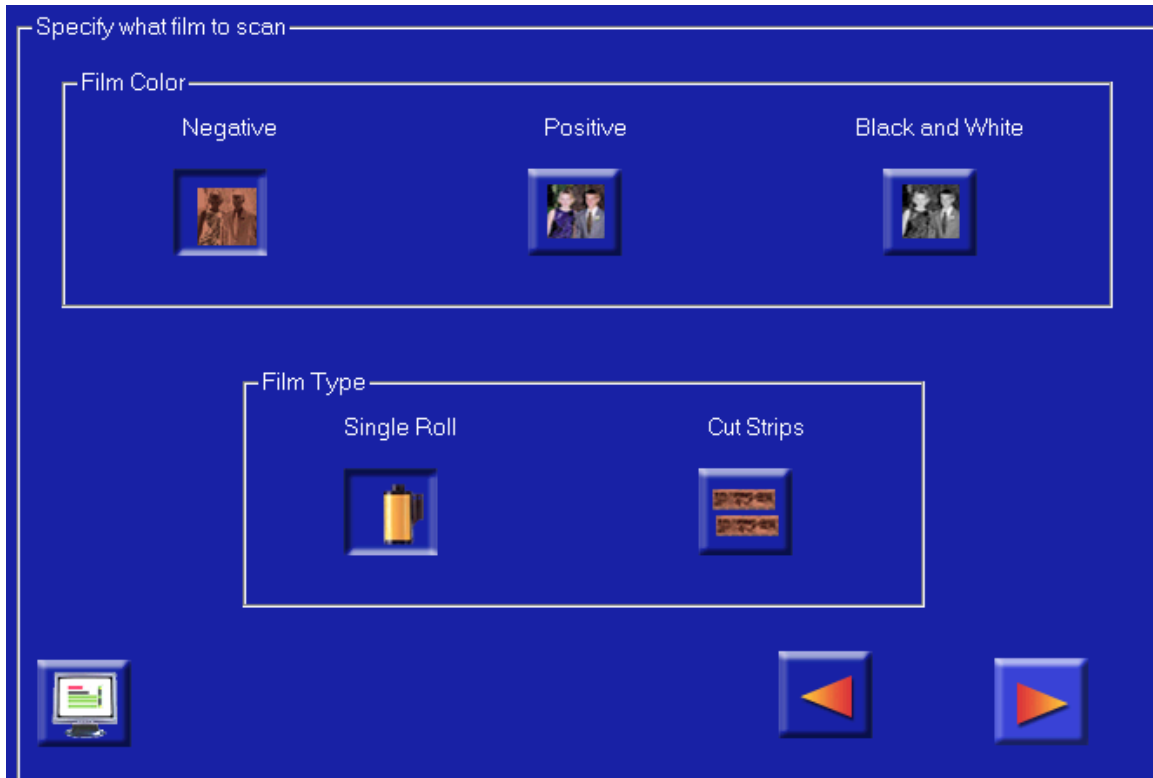


Click on the "Forward" arrow to go to the next screen.



Specify Film

This screen allows the operator to select the type of film, and whether the film is still in roll format, or if it has been cut.



Click on the "IQueue Toggle" button to switch to the IQueue II program.

Click on the "Back" arrow to return to the previous screen.

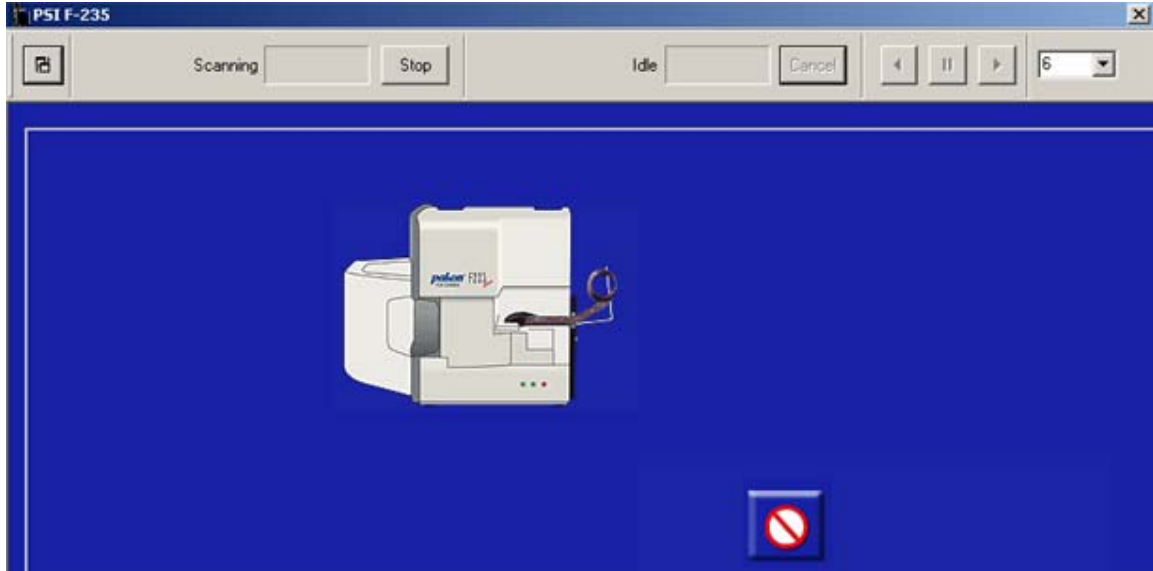


Click on the "Forward" arrow to go to the next screen.



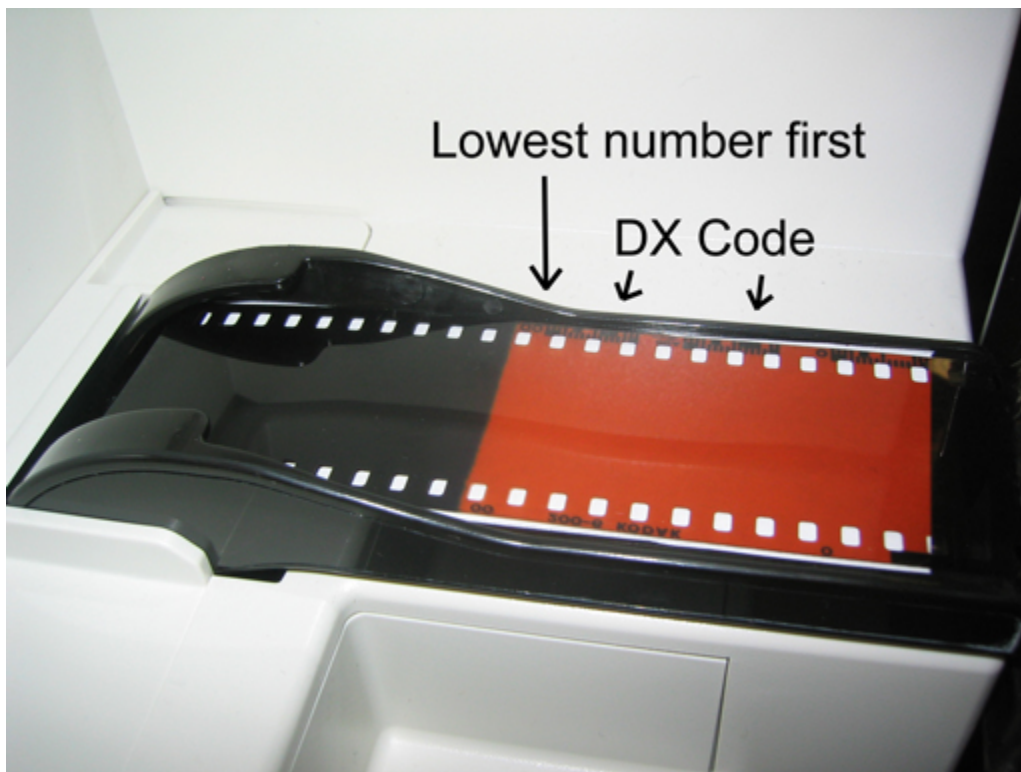
Scanning

The scanning screen will appear as shown below:



Insert film with the DX code towards the back of the scanner, starting with the lowest numbered frame, as shown below:

Insert the film with the DX Code to the back of the scanner, starting with the lowest number first, as shown below:



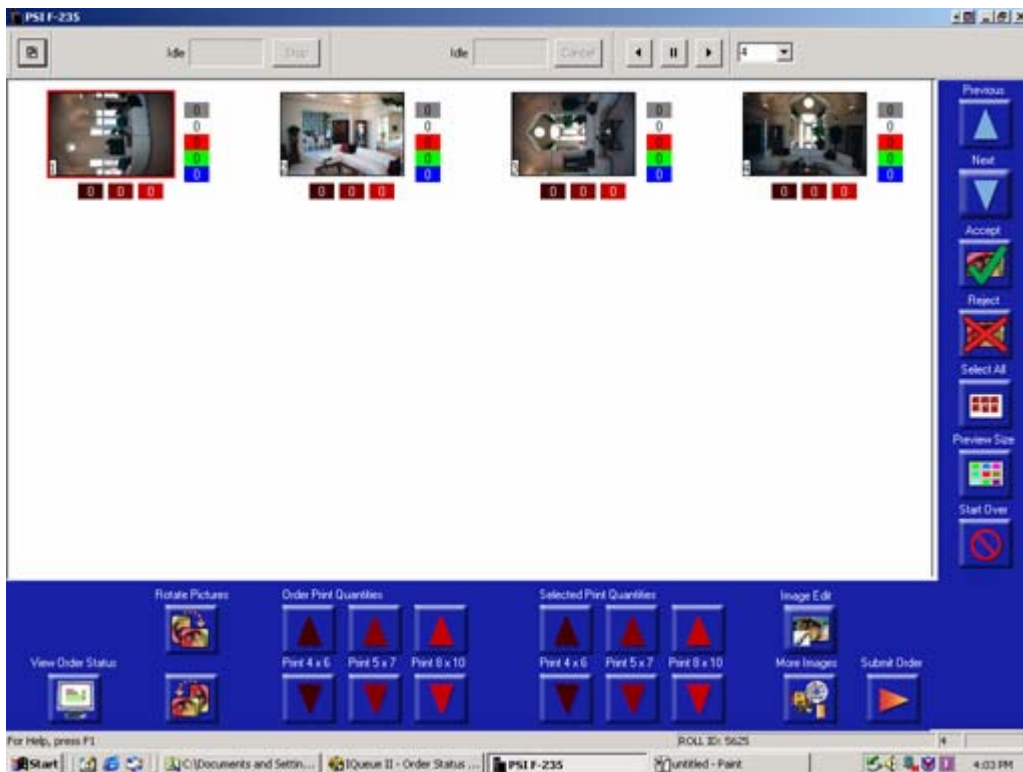
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Cancel Scan - this button will cancel the current scan operation.

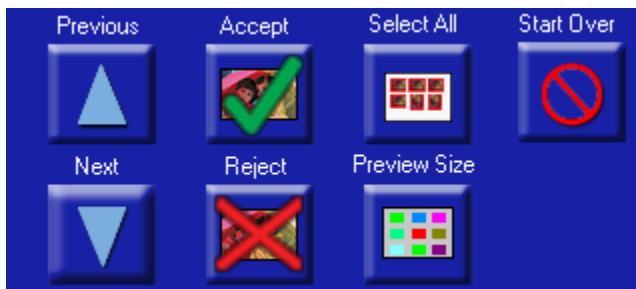


Image Editing

Once images have been scanned, or opened from file, the image editing screen will appear.



All image corrections are done on the main screen.



"Previous" and "Next" will scroll through the images on the screen, if there are more images in the order than can be displayed on one screen.

"Accept" and "Reject" will include or exclude images from the job type (CD, folio, index print, etc.).

"Select All" will highlight all images.

"Preview Size" will adjust how many images are displayed on the screen at a time.

"Start Over" will clear the screen of all images and begin a new order.



Click on the "IQueue Toggle" button to switch to the IQueue II program.



Toggles from the 'Image Edit' options to the 'Print Edit' options.



Toggles from the 'Print Edit' options to the 'Image Edit' options.

Color Correction - Available in the 'Image Edit' mode



Rotate the selected image(s) clockwise or counter-clockwise.

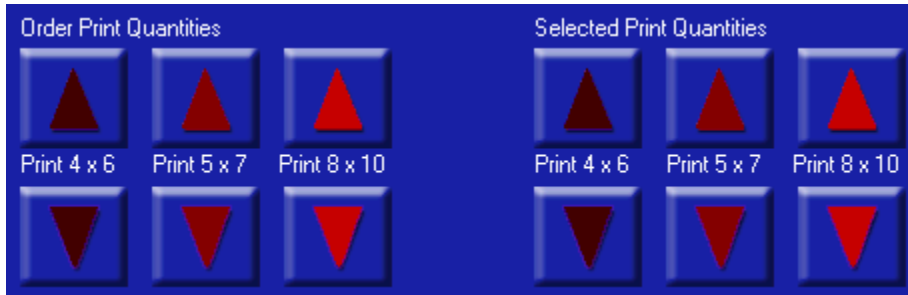
Adjust the sharpness up or down by clicking on the appropriate button.

Adjust the brightness up or down by clicking on the appropriate button.

Adjust the contrast up or down by clicking on the appropriate button.

Add color to the selected image(s) by clicking on the appropriate button.

Print Quantities - Available in the 'Print Edit' mode



Order Print Quantities - Selects the desired quantity of prints for the entire order.

Selected Print Quantities - Selects the desired quantity of 'selected' prints.

More Images and Start Job



"More Images" allows the operator to add images to the current order.

"Start Job" begins the pre-selected output jobs and begins a new order.

Order Menu

Order Menu

The Order Menu can be access from the main PSI screen. Click on "Order" at the top of the screen.

New	Ctrl+N
Add Roll From Scanner...	Ctrl+S
Cancel Scan	
Add Roll From File...	Ctrl+O
Add Roll From Archive...	
Add Roll From TWAIN Device...	
Save As...	
Create Products...	Ctrl+P
Run Package 1	Ctrl+Shift+1
Run Package 2	Ctrl+Shift+2
Run Package 3	Ctrl+Shift+3
Cancel Export	
Notes/Label...	
View Properties...	
Exit	
Products Again	Ctrl+Shift+P

"New" will clear the existing order, and begin a new order.

"Add Roll From Scanner" will append the existing order, or if there is no current order, it will begin a new order.

"Cancel Scan" cancels the previously selected scan operation.

"Add Roll From File" will append the existing order, or if there is no current order, it will begin a new order.

"Add Roll From Archive" will open a previous order from the IQueue II archive, or if there is no current order, it will begin a new order.

"Add Roll From TWAIN Device" will import images from a compatible TWAIN device attached to the Host PC. This option is not currently available.

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"Save As" will save the selected images to a local drive, such as a hard drive, ZIP drive, Memory Card, or floppy diskette.

"Create Products" opens the Create Products Menu, where the user can select the desired product(s) to produce.

"Run Package 1" runs the first script, setup in the Script Settings.

"Run Package 2" runs the second script, setup in the Script Settings.

"Run Package 3" runs the third script, setup in the Script Settings.

"Cancel Export" cancels exporting images from the current order.

"Notes/Label" can be added and printed on Index prints.

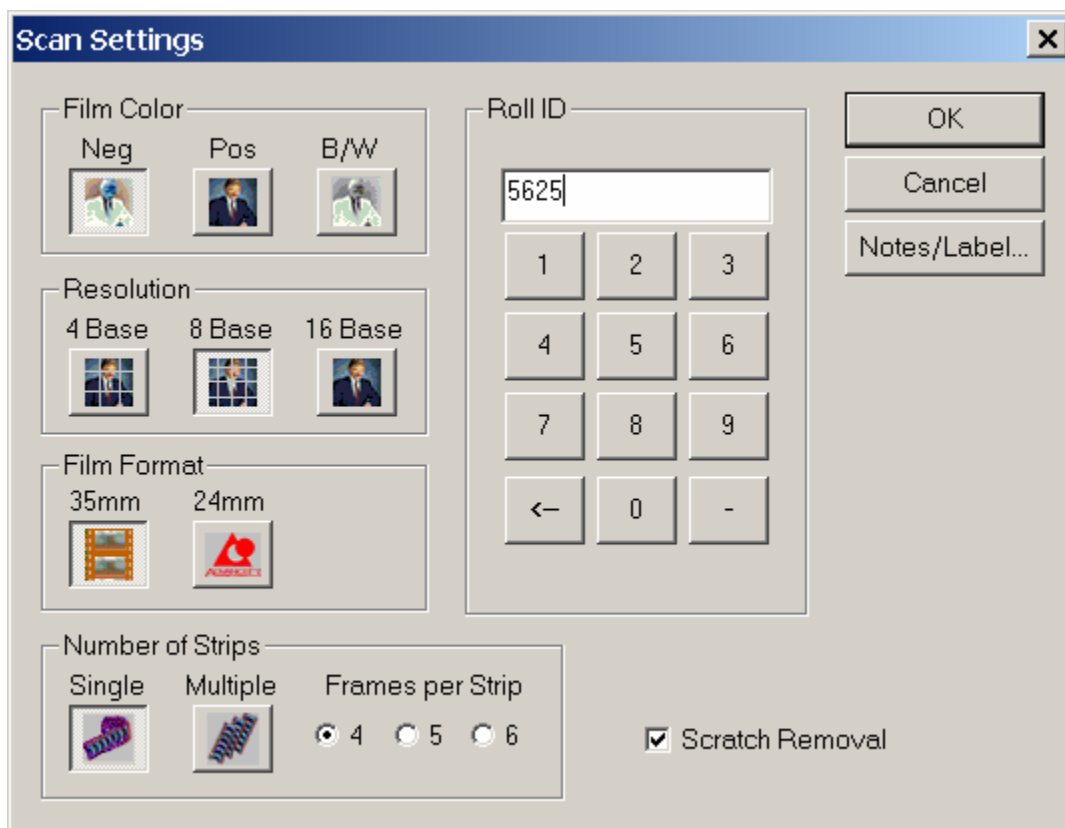
"View Properties" displays order information.

"Exit" will terminate the PSI application.

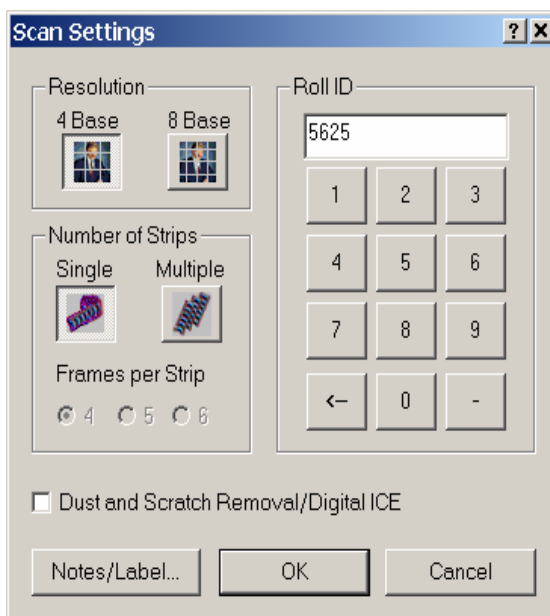
"Products Again" will create the same product package as the last time a product was selected in the menu.

Add Roll From Scanner (ctrl S)

Click on the "Scan" button on the toolbar, or "Order" and "Add Roll from Scanner" to open this "Scan Settings" dialog box.



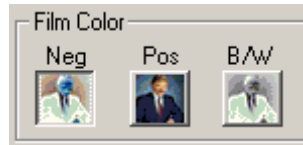
The F-135 Scan Dialog will appear like this:



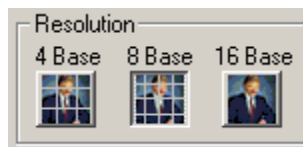
Select the Film Color

Film	Description
------	-------------

Color	
Neg.	Color Negative
Pos.	Positive/Color Reversal
B/W	Black and White



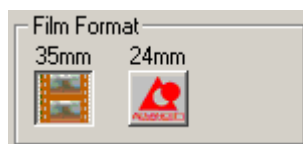
There are three resolutions available for the F-235.



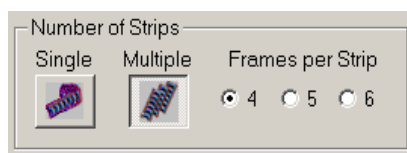
Select the Desired Resolution.

Resolution	Pixel Size (HxW)	Advantage(s)	Disadvantage(s)
4Base	1000x1500	Good Quality, Fast	Lower Quality Image
8Base	1400x2100	Very Good Quality, Fast Speed	Second Best Quality, Slower than 4Base
16Base	2000x3000	Excellent Quality	Slowest Scan Speed

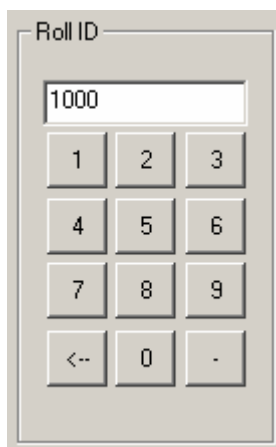
The F-235 can scan both 35mm and 24mm (APS) film.



The F-235 can scan film in roll, or strip format. If scanning strips, the minimum length of a strip must be 2 frames.



The Roll ID, or Twin Check number can be added to identify the order.



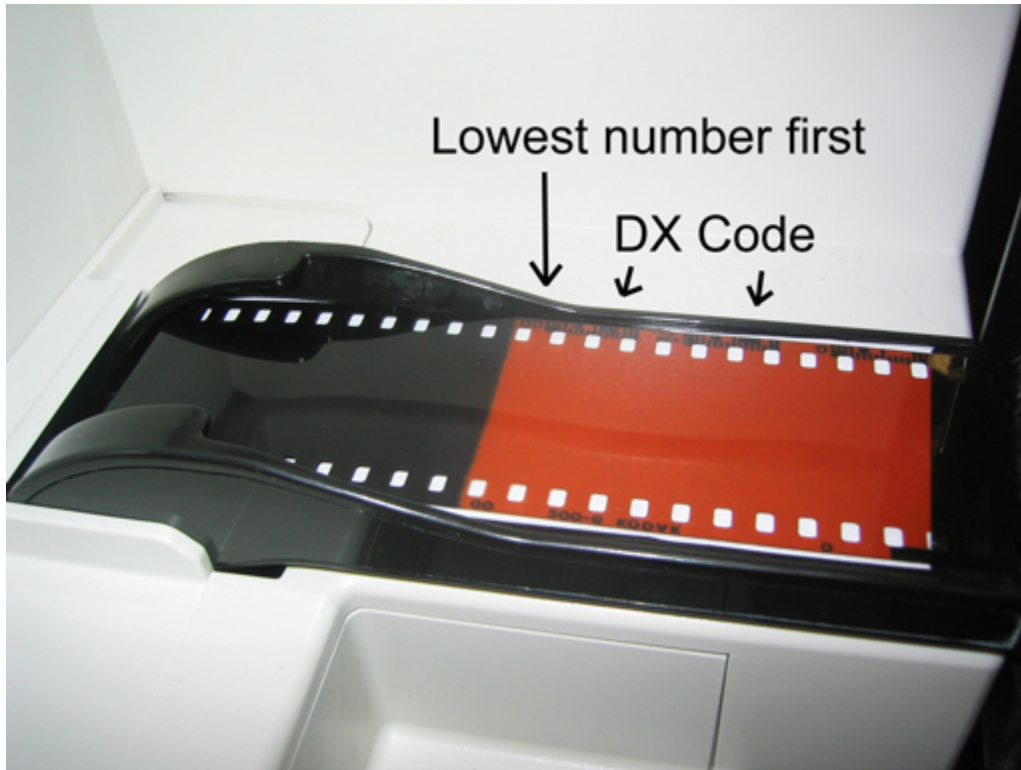
Other Options:



Removes dirt, dust, and scratches from images.

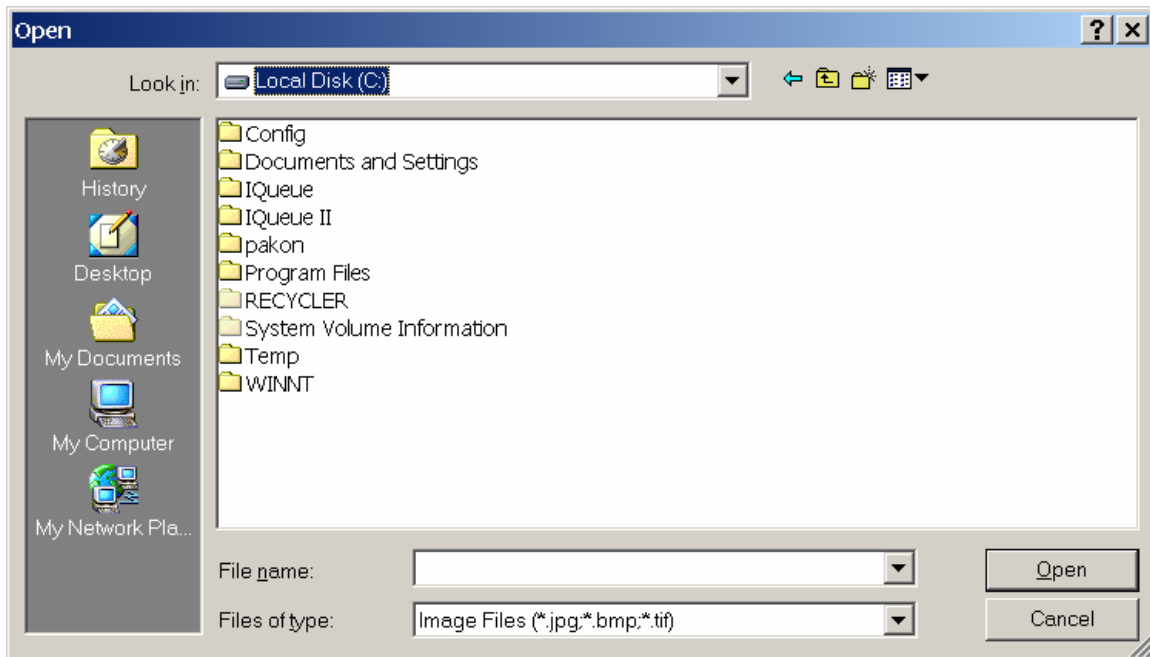
When all the appropriate options are set, click on "OK" to begin the scan.

Insert the film with the DX Code to the back of the scanner, starting with the lowest number first, as shown below:



Add Roll From File

Click on the "Open File" folder on the toolbar, or click on "Order" and "Add Roll From File" to open this dialog box.

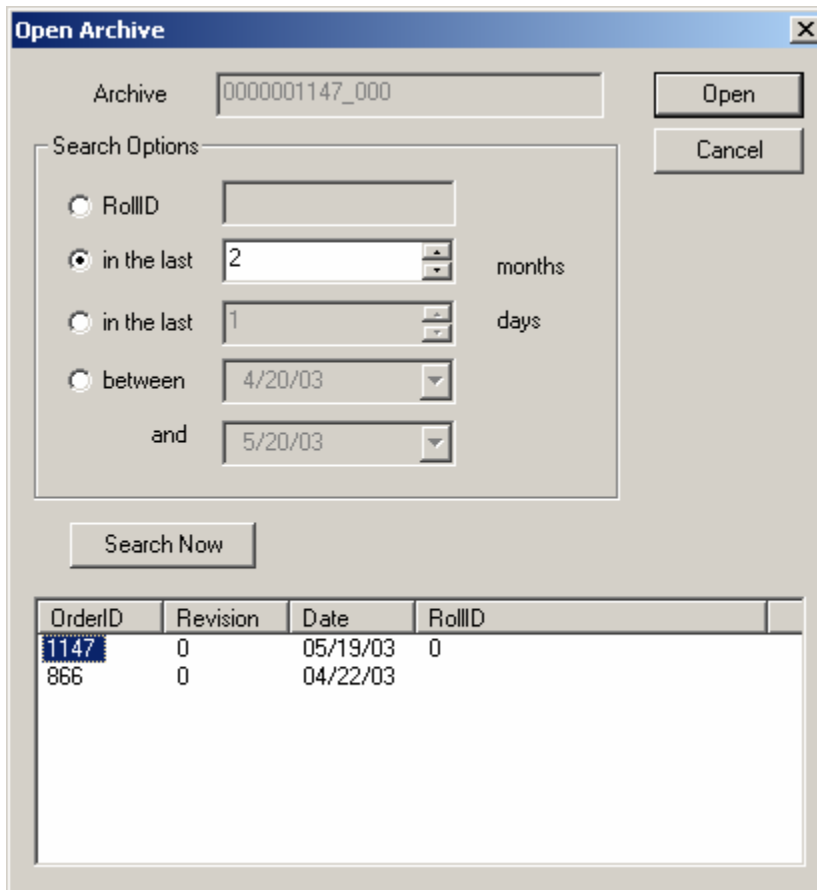


Select the desired path for the imported file(s).

Add Roll From Archive

Click on "Order" and "Add Roll From Archive" to open this dialog box.

Click "Search Now" to begin a new search and highlight the desired Order ID and then click on "Open" to open the desired order.



The "Open Archive" dialog box features a title bar with a close button. It includes an "Archive" text field containing "0000001147_000", with "Open" and "Cancel" buttons to its right. Below is a "Search Options" section with four radio buttons: "RollID" (unselected), "in the last" (selected), "in the last" (unselected), and "between" (unselected). The "in the last" option is further configured with a spinner box set to "2" and the label "months". The "in the last" option is configured with a spinner box set to "1" and the label "days". The "between" option is configured with two date pickers: "4/20/03" and "5/20/03", separated by the word "and". A "Search Now" button is located below the search options. At the bottom, a table displays search results.

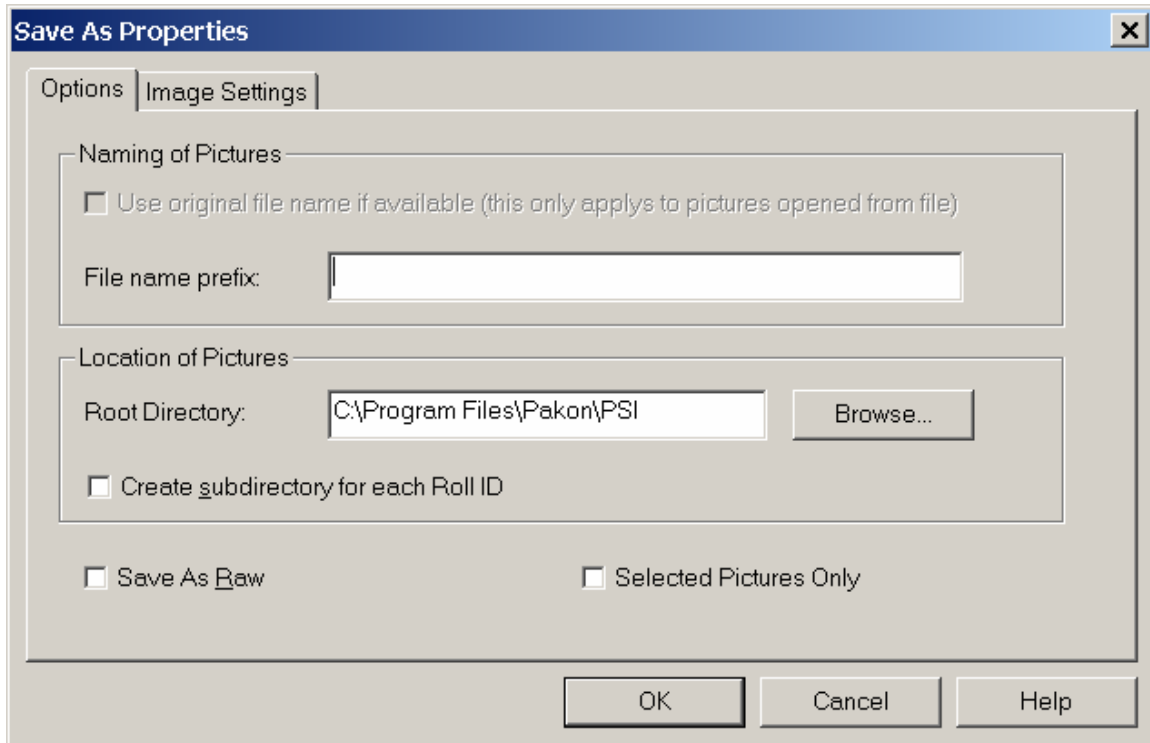
OrderID	Revision	Date	RollID
1147	0	05/19/03	0
866	0	04/22/03	

Search Options - PSI will search for the desired order by the Roll ID or the date it was created.

Save As

Once there are scanned images on the screen, the "Save As" option will become available in the "Order" menu.

Click on this option to save the selected images to the host computer.



File Name Prefix

This is the name that the selected images will be saved as. Inserting "ROLLID" will put the order's roll ID in the name of the saved file. Inserting "COUNT" will add the count of each picture within the order. For example, the first image in an order will be numbered "01" even if it has an index number of 04. Typing in anything else will add that as a prefix to the file name.

For example, if this is in the "File name prefix" box, this is how images will be saved to disk, assuming a roll ID of 5625:

"COUNT_ROLLID_Pakon_"

An image that would otherwise be named AAA004 would become
"01_5625_Pakon_AAA004.jpg"

The next image would be named "02_5625_Pakon_AAA005.jpg"

Location of Pictures

This is the path where the selected images will be saved to.

Create Subdirectory for each Roll ID

This will create a sub folder for each unique Roll ID within the same order.

Save as RAW

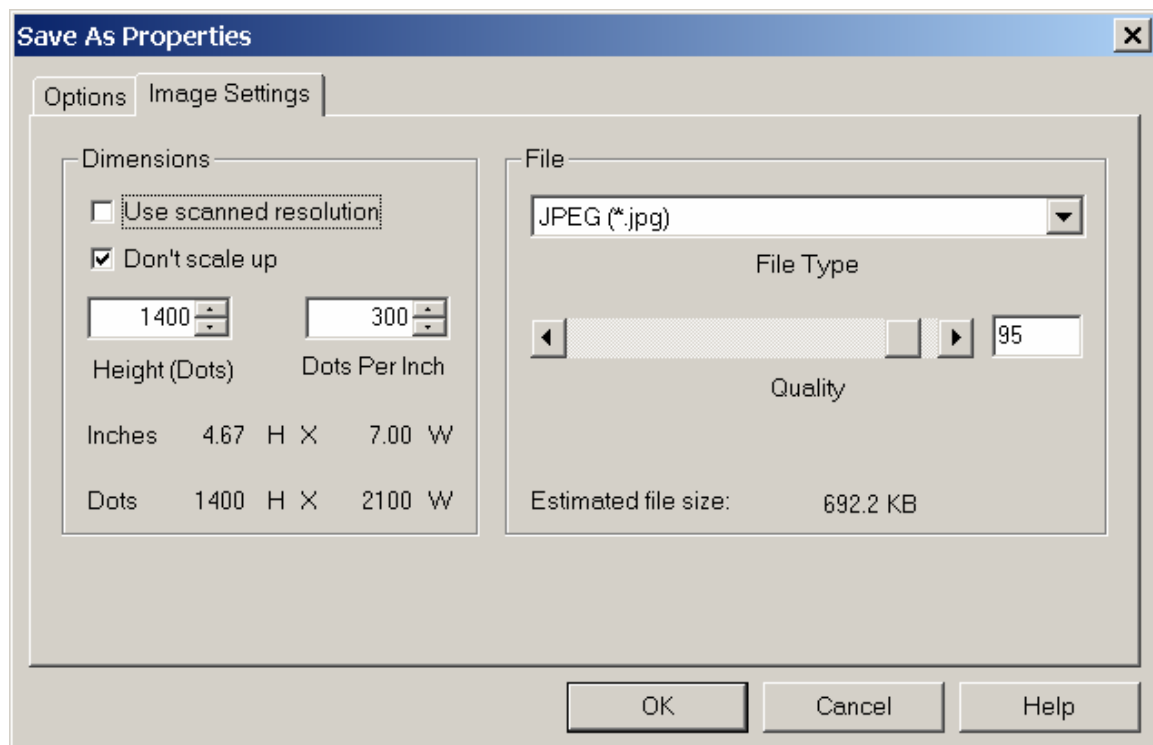
This will save the image without any color correction. The image will appear as a negative.

Selected Pictures Only

This will save only the images which are selected with a red box around them.

Image Settings

Change these options to save the images as different file types, different sizes, and different compression schemes.

**Use Scanned Resolution**

This will save the image in the resolution in which the image was scanned.
(1000 x 1500 for 4 Base, 1400 x 2100 for 8 Base, or 2000 x 3000 for 16 Base)

Don't Scale Up

Will not scale the image up to fit a larger size.

Height

Sets the height of the output image, measured in pixels.

File

Available options are TIFF, Bitmap, JPEG, and EXIF JPEG.

Quality

Changes the compression ratio for the JPEG images.

Create Products

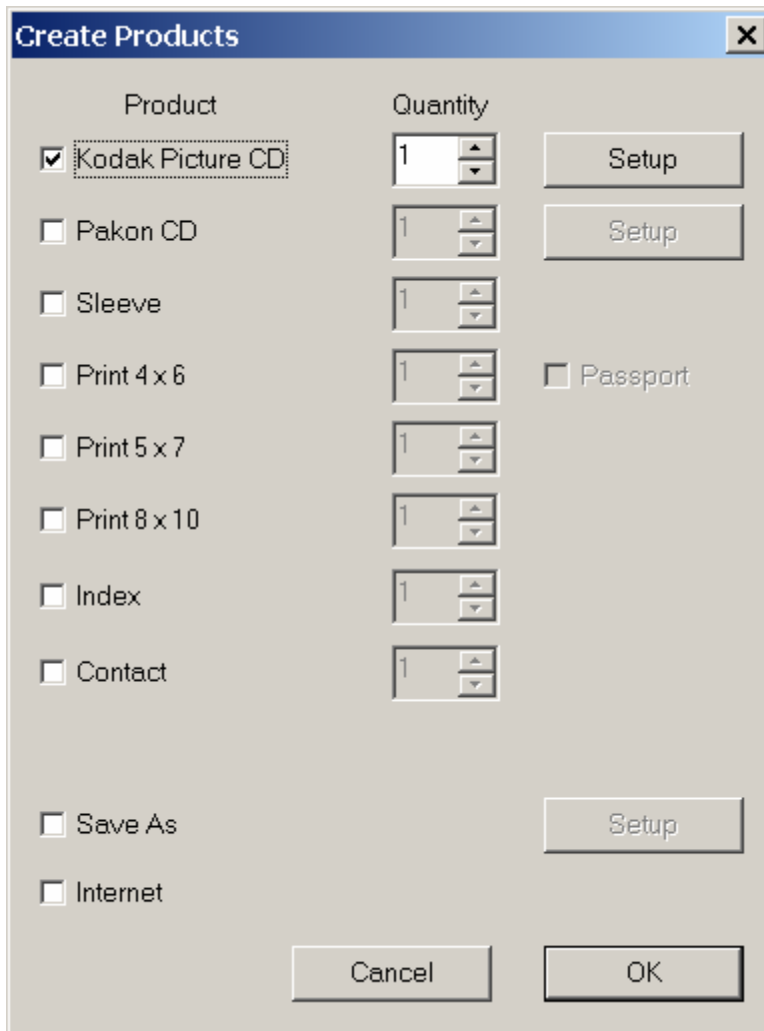
Once there are images scanned and on the screen, the "Create Products" option will become available.

Note: This option can also be accessed on the main toolbar, as shown below:



This is the "Create Products" button .

Once this button is selected, or the option selected from the "Order" menu, the "Create Products" box will open:



The 'Create Products' dialog box features a table with two columns: 'Product' and 'Quantity'. The 'Product' column lists various items with checkboxes, and the 'Quantity' column has spinners set to 1. To the right of the table are 'Setup' buttons for each product. At the bottom are 'Cancel' and 'OK' buttons.

Product	Quantity	Setup
☒ Kodak Picture CD	1	Setup
☐ Pakon CD	1	Setup
☐ Sleeve	1	
☐ Print 4 x 6	1	☐ Passport
☐ Print 5 x 7	1	
☐ Print 8 x 10	1	
☐ Index	1	
☐ Contact	1	
☐ Save As		Setup
☐ Internet		

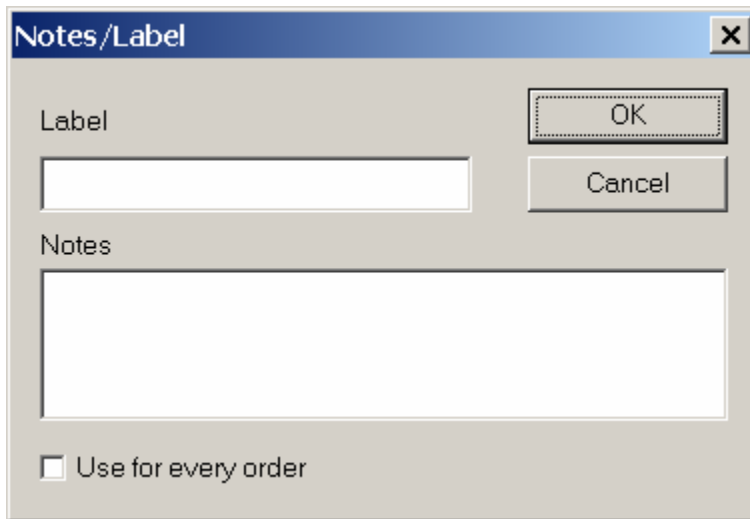
From this menu, the operator can select which type of product to create, as well as how many of each to make.

To learn how to make each product, select below:

- Kodak Picture CD
- Pakon CD
- Sleeve
- Print 4x6
- Print 5x7
- Print 8x10
- Index
- Contact

Notes/Label

The label and Notes are printed on Index prints.



A screenshot of a software dialog box titled "Notes/Label". The dialog box has a blue title bar with a close button (X) in the top right corner. Inside the dialog, there are two main sections: "Label" and "Notes". The "Label" section contains a single-line text input field. The "Notes" section contains a larger, multi-line text input field. To the right of the "Label" input field are two buttons: "OK" and "Cancel". At the bottom left of the dialog, there is a checkbox labeled "Use for every order".

View Properties

Order properties displays information about the current order. It lists the quantity of the products made with the current order, as well as which revision it was made with.

Order Properties [X]

General

Order ID: 37

Total Picture Count: 25

RollID
5625

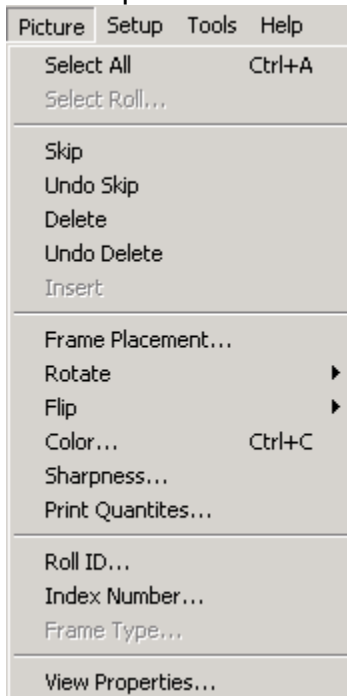
Product	Quantity	Revision
Kodak Picture CD	1	1
Index	1	0
Sleeve	1	0
Kodak Picture CD	1	0

OK Cancel Help

Picture Menu

Picture Menu

The Picture Menu can be accessed from the main PSI screen. Click on "Picture" at the top of the PSI window.



"Select All" will highlight all images on the screen.

"Skip" will mark the selected images with skip. Skipped images are included in the archive but are not printed as part of a single print product. Skipped images are included with all other products such as CD's, sleeves, internet orders, etc.

"Undo Skip" will remove skip from the selected images.

"Delete" will mark the selected images with delete. Deleted images are not exported to the archive and are not included in any products.

"Undo Delete" will remove delete from the selected images.

"Insert" will add an image in the selected location.

"Frame Placement" will open the frame adjustment box.

"Rotate" will rotate the selected image(s) by the desired angle.

"Flip" will flip the selected image(s) 180° on the selected axis.

"Color" will open the color adjust box.

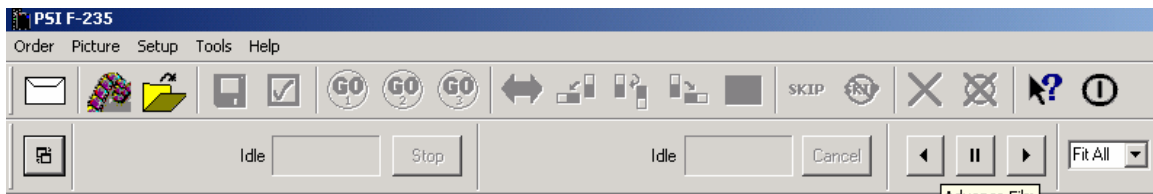
"Sharpness" will open the "Sharpening" slider control window. This will sharpen or blur the selected image(s).

"Roll ID" allows the operator to change the Roll ID after scanning.

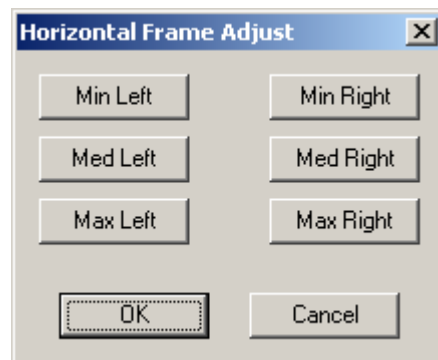
"Index Number" allows the operator to change the index number of the selected image(s).

"View Properties" allows the operator to view specific information about the selected image.

Frame Placement



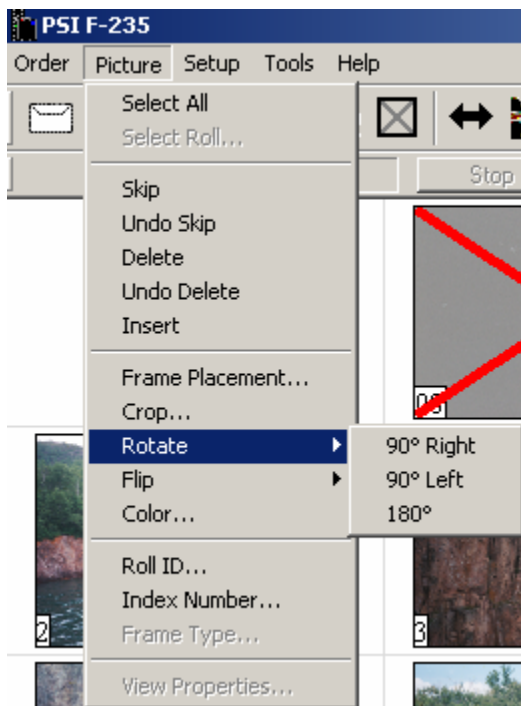
Click on the "Horizontal Arrow" button on the toolbar, or "Open" and "Frame Placement" to open this box.



1. Select the image or images which you desire to correct.
2. Click on "Picture" and "Frame Placement" to open the "Horizontal Frame Adjust" box.
3. Use the appropriate correction box to fix the mis-framed image(s).

Rotate

To move images into the proper orientation, move the mouse cursor over "Rotate" in the "Picture" menu bar.



Then select the desired degree of rotation.

Rotation can also be done using the rotation buttons on the toolbar.



Flip

"Flip" mirrors an image on the selected axis.



"Up Down" will mirror the image on the X-axis.



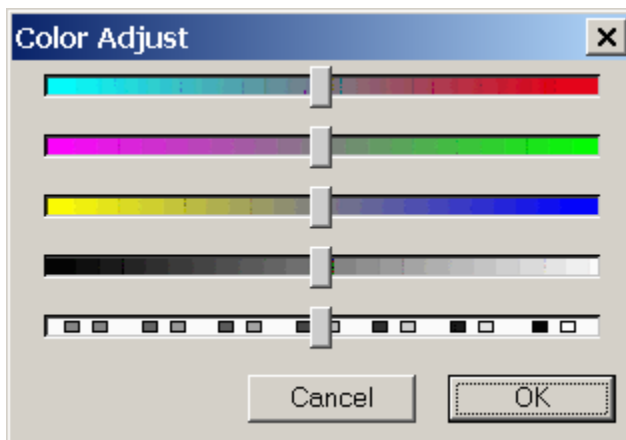
"Left Right" will mirror the image on the Y-axis.



Color (ctrl c)



Click on "Picture" and "Color" or click on the color button on the toolbar, to open the color correction window.



The color corrections will appear in the image preview screen, and the correction value will be displayed to the right of the image.



Color adjust can be used adjust the following:

- Cyan <-> Red
- Magenta <-> Green
- Yellow <-> Blue
- Brightness
- Contrast

Color Control Short-Cuts

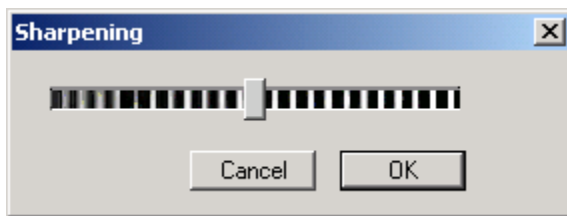
Shortcut	Function
----------	----------

E	Change red in selected images
R	Change green in selected images
T	Change blue in selected images
A	(density) Change brightness of selected images
S	Decrease in selected mode
F	Increase in selected mode
D	Neutral in selected mode
Del	Deletes Selection
Ins	Inserts Selection

The color properties of one image can be copied to another, by pressing "c" to copy and "v" to paste.

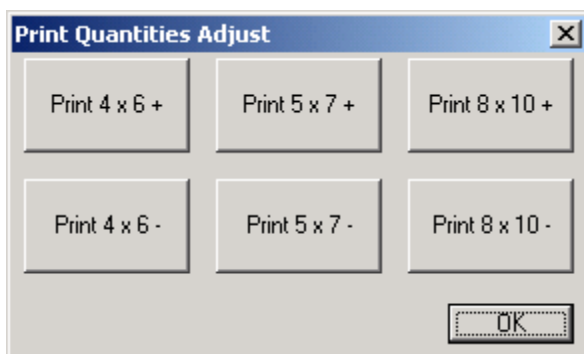
Sharpening

The "Sharpening" control will sharpen or blur the focus of the selected image or images.



Print Quantities

Select the desired number of prints for the desired print size using this window.



For example, "Print 4 x 6 +" will add one 4 x 6 print to the order. Clicking on "Print 4 x 6 -" will remove one 4 x 6 print from the order.

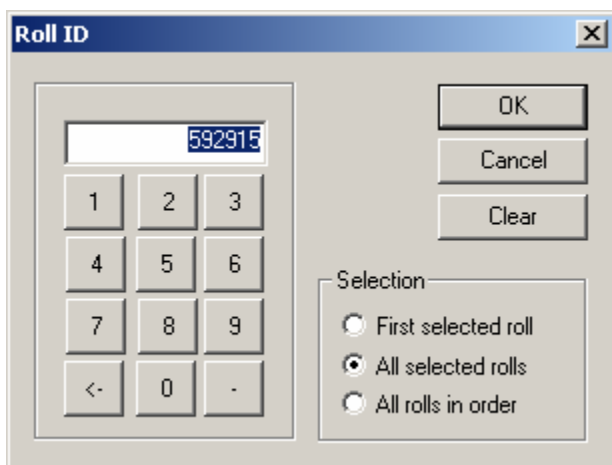
The quantity of prints requested for each image size will be displayed below the image. 4 x 6 is on the left, 5 x 7 is in the middle, and 8 x 10 is on the right.



Roll ID

Click on "Picture" and "Roll ID" to access this dialog box.

This dialog box offers the ability to change the Roll ID (Twin Check Number) of the order in progress.



To input the Roll ID, click on the value, or use the keyboard.

Selection

First selected roll - only the first selected roll will use this Roll ID

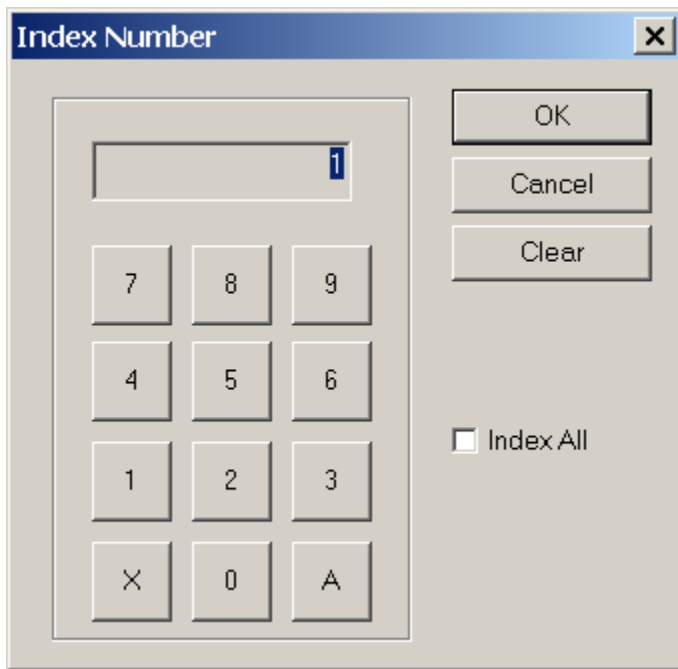
All selected rolls - all selected rolls will use this Roll ID

All rolls in order - all rolls in the current order will use this Roll ID

Index Number

Click on "Picture" and "Index Number" to open the index number dialog box.

The operator can change the index number of the frame selected.

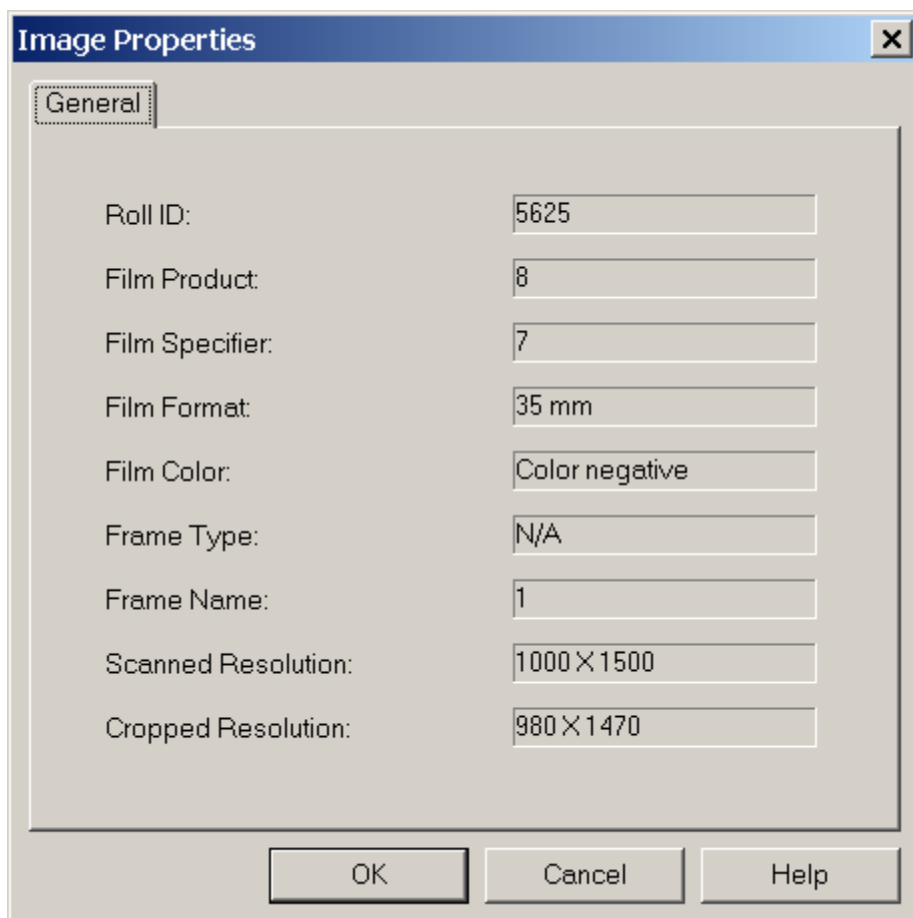


Index All - all images will be re-indexed using this number as the first index number.

View Properties

This option is found in the "Picture" and "Image Properties" menu.

The operator can review information about the selected image. This is helpful when there are both scanned images and imported images in the same order.



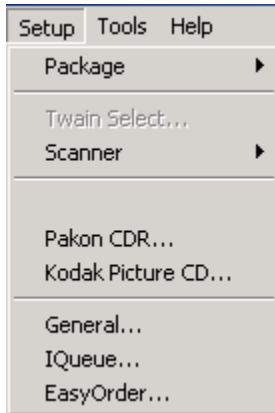
The image shows a standard Windows-style dialog box titled "Image Properties". It has a blue title bar with a close button (X) in the top right corner. Below the title bar is a tabbed interface with a single tab labeled "General". The main area of the dialog contains a list of fields for image metadata, each with a label and a text input box. The fields are: "Roll ID:" with value "5625", "Film Product:" with value "8", "Film Specifier:" with value "7", "Film Format:" with value "35 mm", "Film Color:" with value "Color negative", "Frame Type:" with value "N/A", "Frame Name:" with value "1", "Scanned Resolution:" with value "1000 X 1500", and "Cropped Resolution:" with value "980 X 1470". At the bottom of the dialog are three buttons: "OK", "Cancel", and "Help".

Property	Value
Roll ID:	5625
Film Product:	8
Film Specifier:	7
Film Format:	35 mm
Film Color:	Color negative
Frame Type:	N/A
Frame Name:	1
Scanned Resolution:	1000 X 1500
Cropped Resolution:	980 X 1470

Setup Menu

Setup Menu

The Setup Menu is available at the top of the main PSI screen. Click on "Setup" to access this menu.



"Package" accesses Package settings for Package 1, Package 2, and Package 3.

"Scanner" accesses the "Calibration Wizard," "Custom Framing," "Scan Mode," and "Advanced."

"Pakon CDR" opens the setup dialog for Pakon CD's

"Kodak Picture CD" opens the print dialog for Kodak Picture CD's.

"General" opens the scanner and software settings menu.

"Color Preferences" opens the default color settings.

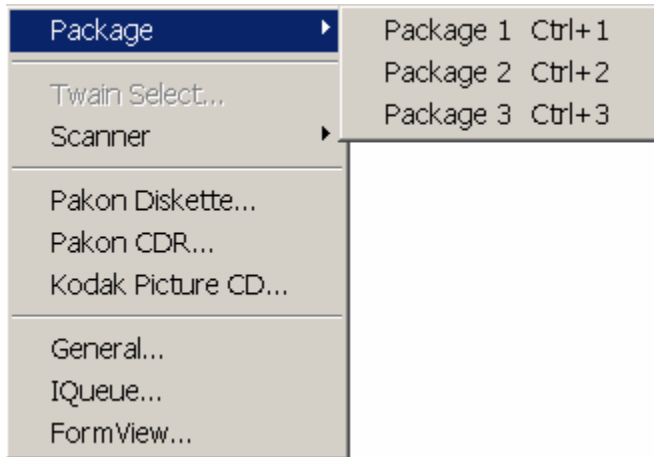
"IQueue" opens the IQueue settings menu.

"EasyOrder" opens the Custom View setup options.

Packages:

Make Popular Packages Easier to Produce!

There are three scripts that can be set up to create pre-defined product sets.



Each script is set up individually and can have multiple products processed by clicking on the appropriate "Go" button on the toolbar.



"Go 1" will run "Package 1."

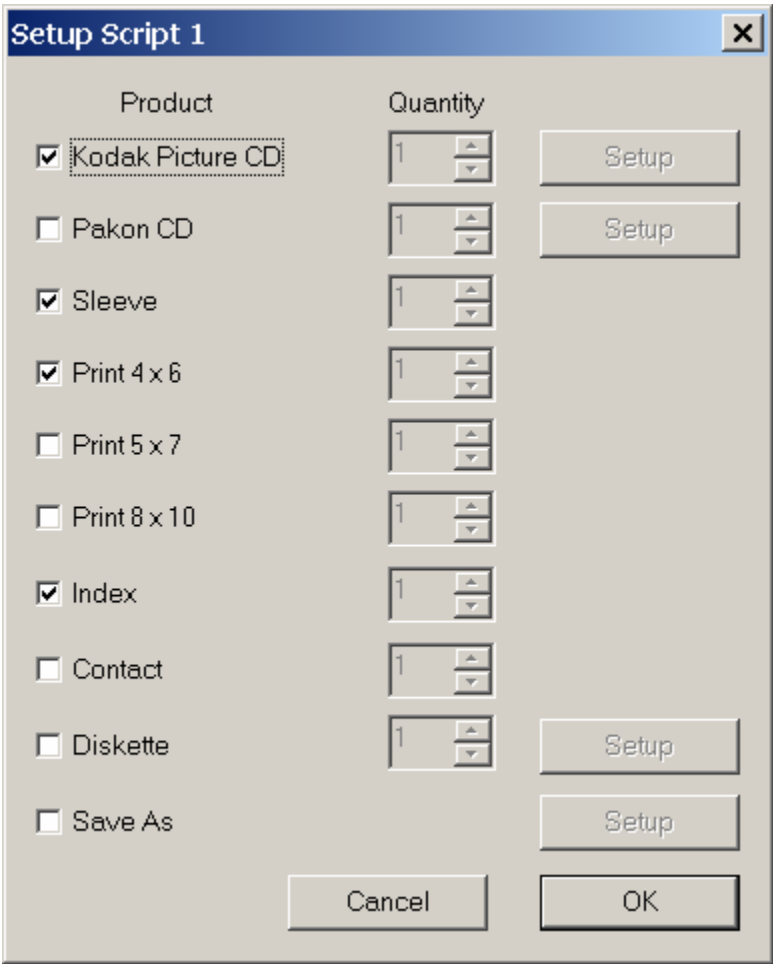


"Go 2" will run "Package 2."



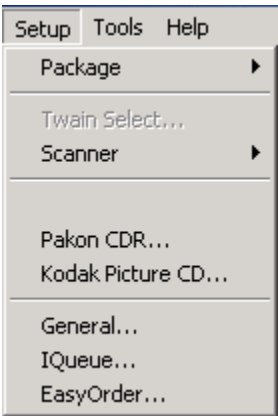
"Go 3" will run "Package 3."

Popular Packages can be set up to run through the "Package " feature. Setup Kodak Picture CD packages with Sleeves in one Package . And setup print packages with index prints in another Package . It is all made for quick and frequent use!



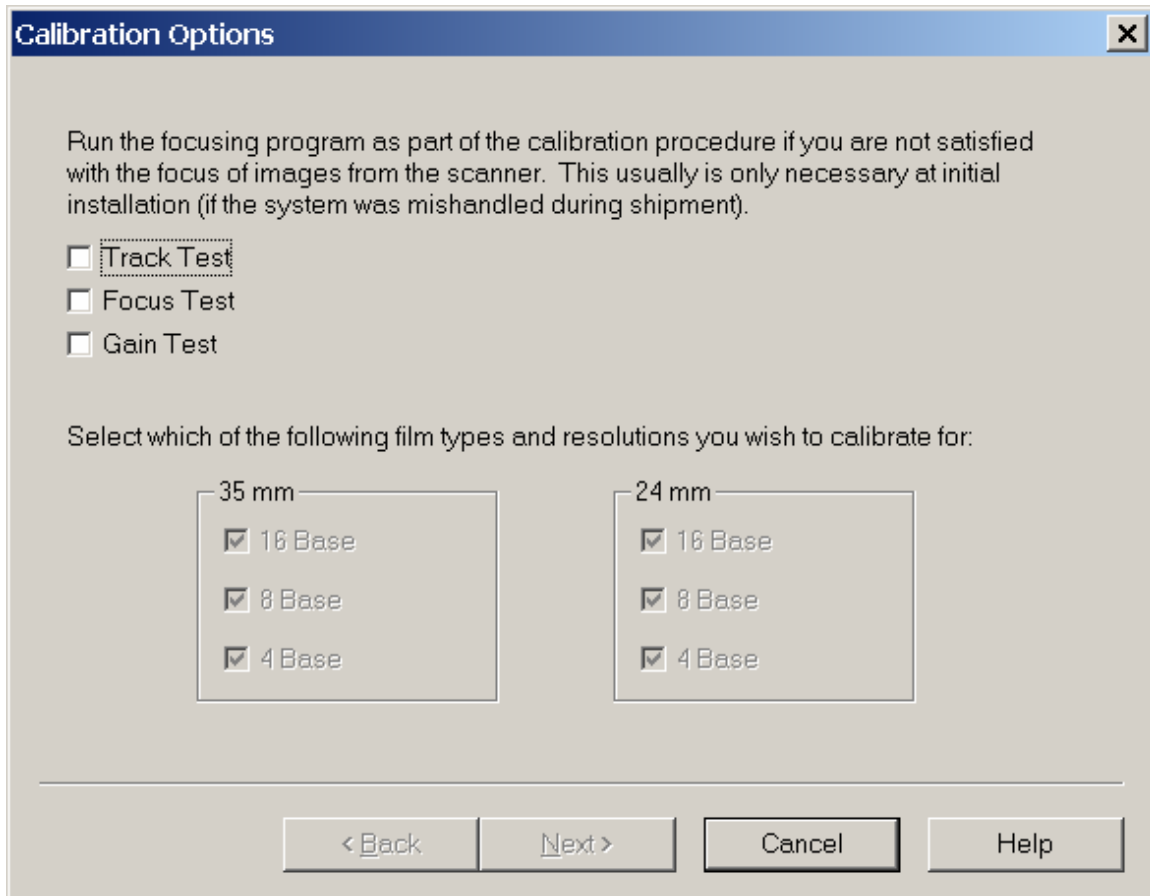
Calibration Wizard

The Setup Menu is available at the top of the main PSI screen. Click on "Setup" to access this menu.

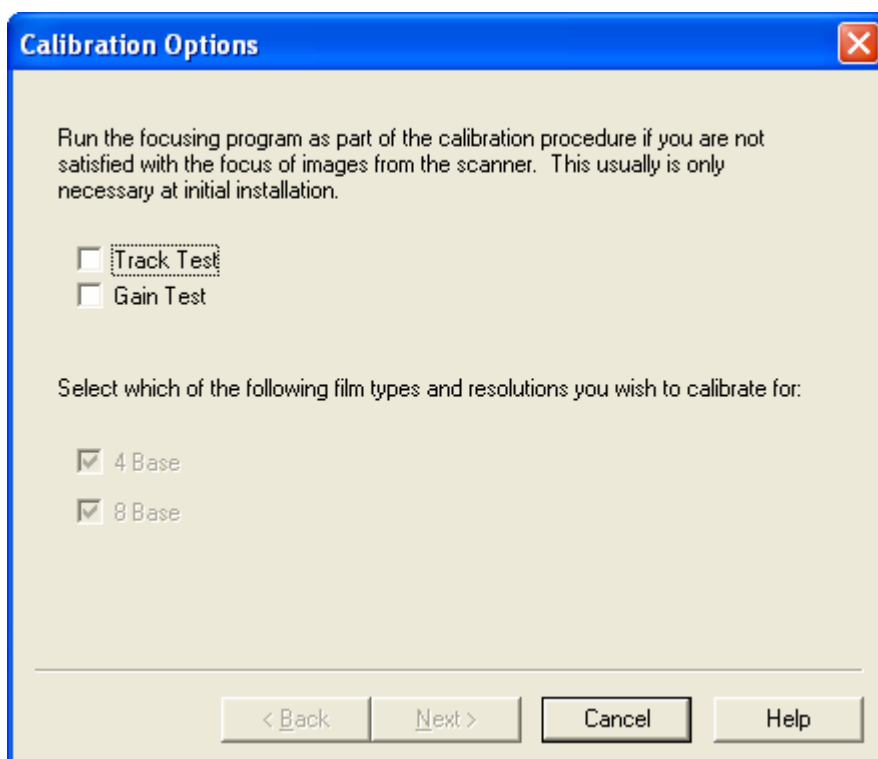


Select "Scanner" and "Calibration Wizard" to open this dialog box.

The "Calibration Wizard" has three options for calibration.



The F-135 Screen will appear like this:



Track Test

The track test should be run if DX code reading has become poor. It should be run after cleaning the film track.

The operator will be prompted to insert a color negative film strip for the track test. It is recommended to insert the film with the DX codes towards the back of the scanner with the lowest number first.

Focus Test

The focus test should be run if the focus is off in a given resolution.

The operator will be prompted to insert a color negative film strip for the focus test. The emulsion should be up when this film strip is inserted.

Gain Test

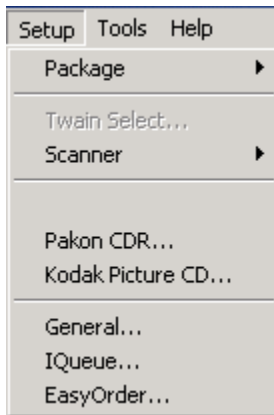
This test should be run as needed, if images are exhibiting banding or improper color balance.

The operator will not have to insert film for this test.

Scan Mode

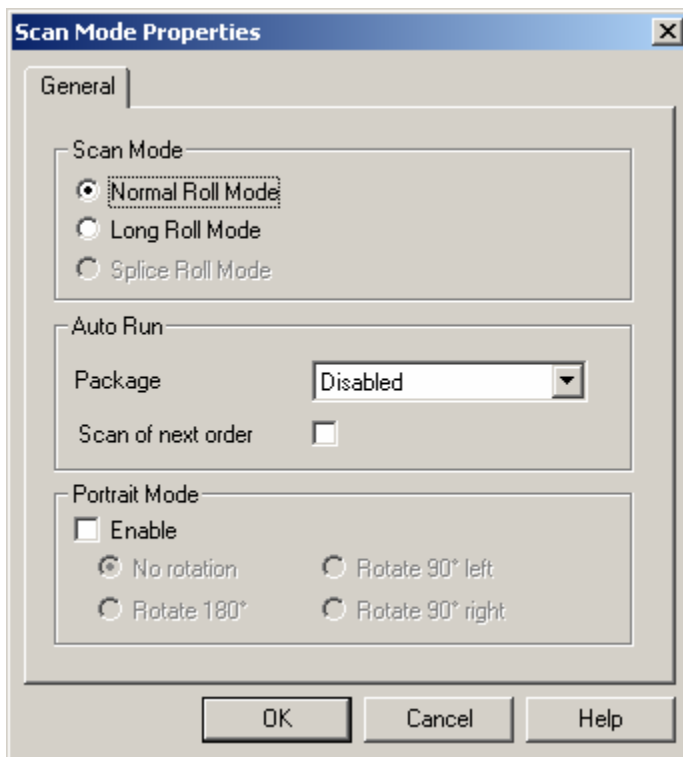
PSI

The Setup Menu is available at the top of the main PSI screen. Click on "Setup" to access this menu.



Select "Scanner" and "Scan Mode" to open this window.

This menu option opens a dialog to add long roll support when using a long roll adapter available from Pakon.



Scan Mode (Available only when using the F-235)

Normal Roll Mode -- This is the standard operational mode for PSI. Use this mode when scanning film strips up to 40 exposure rolls of film.

Long Roll Mode -- This mode is for use when using PSI with a Long Roll Adaptor available from Pakon. After the film is scanned, it will reverse half a frame and begin scanning again. (Please call Pakon for availability.)

Do not use this mode unless using the Long Roll Adaptor.

Spliced Roll Mode -- This mode is only available when using a scanner purchased specifically for scanning spliced film along with the Long Roll Adaptor. After the film is scanned, it will reverse half a frame and begin scanning again.

Auto Run - These two options are used to automate scanning and output

Enabling a script in this box will automatically run the selected package and complete all jobs setup in the selected package each time a new roll is added to the order.

Scan Next Order will begin scanning again after the previous order has finished exporting.

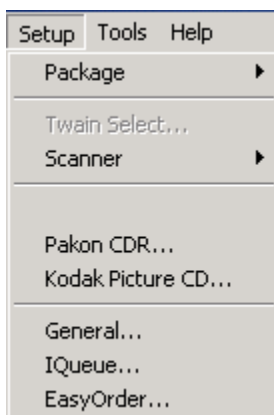
Portrait Mode

This option will limit the range of color correction done throughout the roll. This is to be used when the entire roll of film was shot under the same conditions, as in a portrait studio.

Enabling this option will allow automatic image rotation.

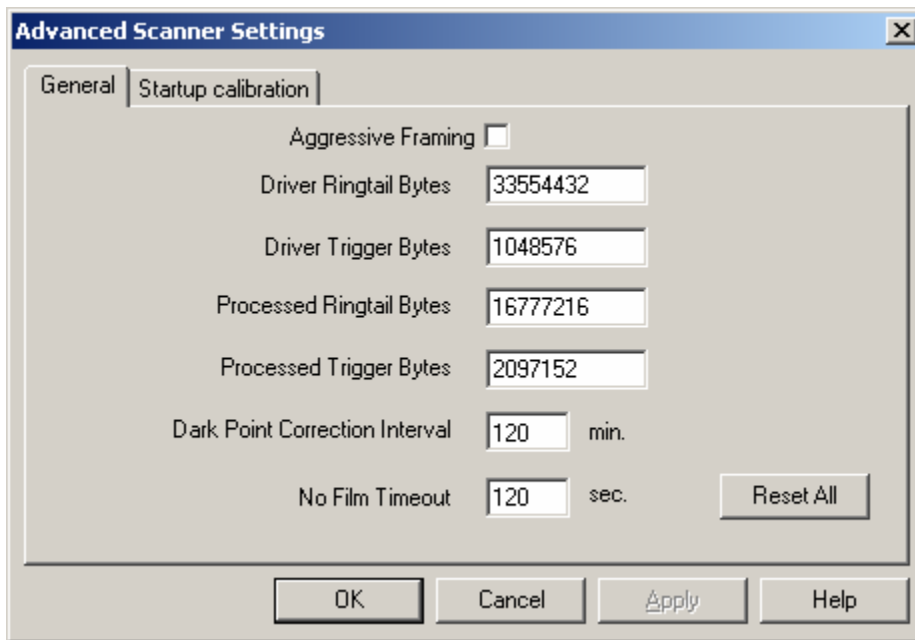
Advanced

The Setup Menu is available at the top of the main PSI screen. Click on "Setup" to access this menu.



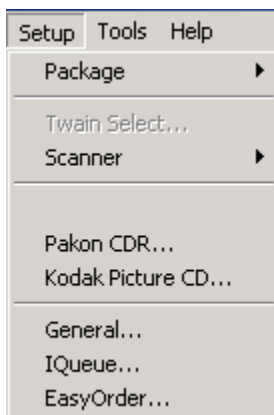
Select "Scanner" and "Advanced" to open this window.

Do not change any values in this menu unless directed to do so by a Pakon authorized technician.

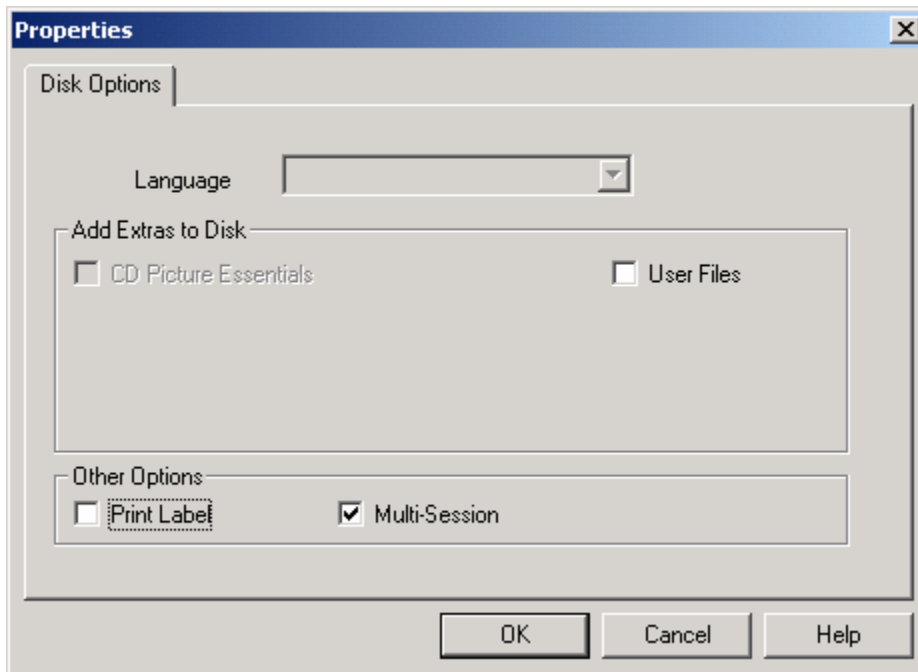


Pakon CD Setup

The Setup Menu is available at the top of the main PSI screen. Click on "Setup" to access this menu.



The default settings for a Pakon CD are available in the "Pakon CD" dialog box.



Add Extras to Disk

CD Picture Essentials - This is a CD viewing program that allows customers to view their images on their Pakon CD at home, without the need to have a program already installed.

User Files - Enabling this option will add any files in the C:\Program Files\Pakon\Extras\User folder.

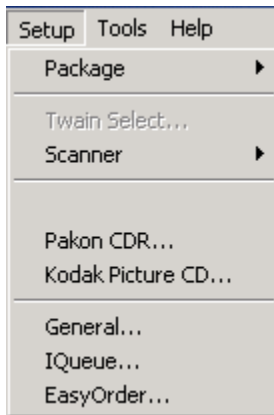
Other CDR Options

Print Label - Print a CD label when making a Pakon CD.

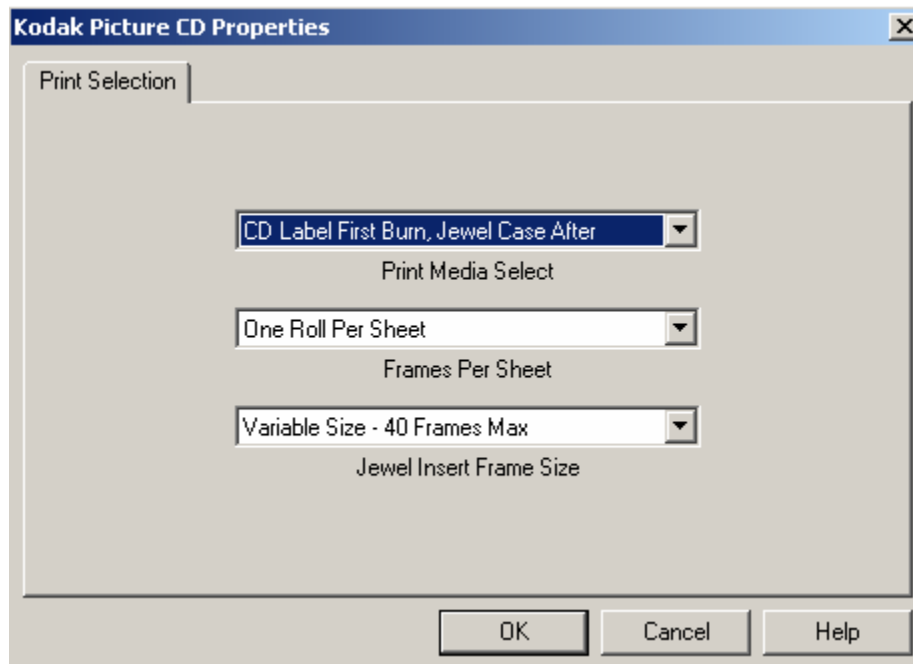
Multi-Session - This option is available when not adding CD Picture Essentials to the CD. It allows the operator to have more than one job to a Pakon CD.

Kodak Picture CD Setup

The Setup Menu is available at the top of the main PSI screen. Click on "Setup" to access this menu.



To select the label printing options when making a Kodak Picture CD, click on the "Kodak Picture CD Setup" option in the "Setup" menu.



Select the desired options for each window.

Print Media Select

CD Label First Burn, Jewel Case After - A CD label will be printed, and a jewel case will print if there are more than 40 frames on the CD.

Jewel Case - A jewel case will print displaying all images on the jewel case insert. No CD label will be printed.

Frames Per Sheet

One Roll Per Sheet: This is the only available option at this time.

Jewel Insert Frame Size

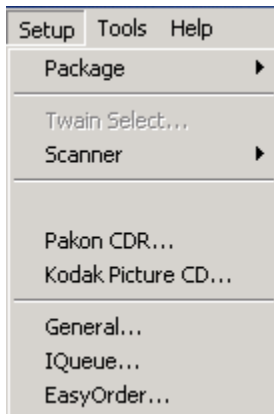
Variable Size, 40 Frames Max - Up to 40 frames will be displayed on the CD label, depending on the number of images on the CD.

Fixed Size, 25 Frames Max - There will be 25 thumbnail images on the CD label, regardless of the number of images on the CD, some thumbnails may be blank.

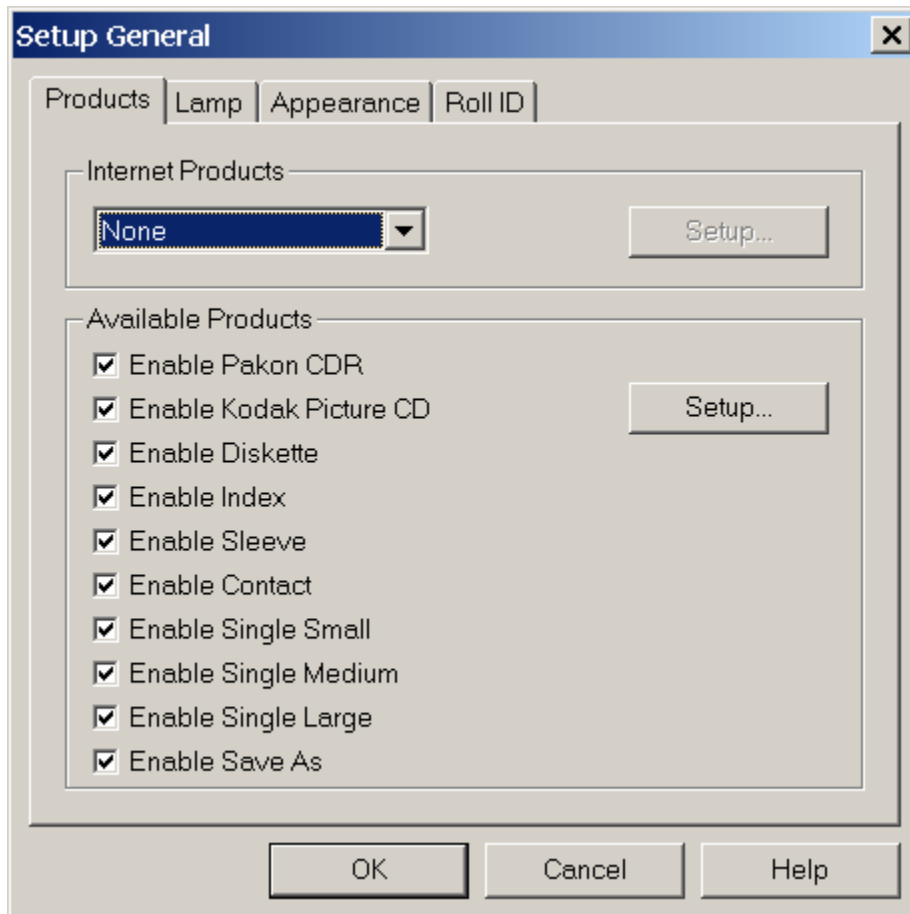
Fixed Size, 40 Frames Max - There will be 40 thumbnail images on the CD label, regardless of the number of images on the CD, some thumbnails will be blank.

General

The Setup Menu is available at the top of the main PSI screen. Click on "Setup" to access this menu.



The "General" options menu will appear when selected.



The "Products" tab displays the following options:

Internet Products

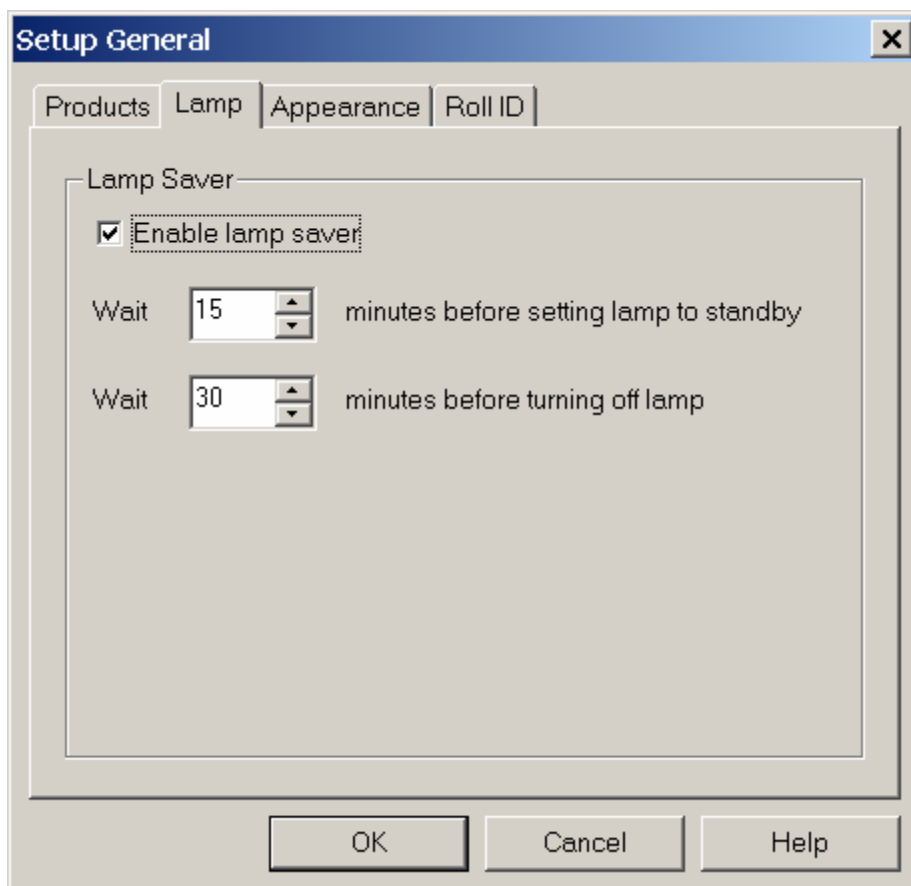
Once this option becomes available, there will be an Internet upload method provided here.

Available Products

When the box is checked, the product will become available in the "Create Products" box.

Lamp

The F-235 lamp can be set into standby mode, or be turned off after a set amount of time.



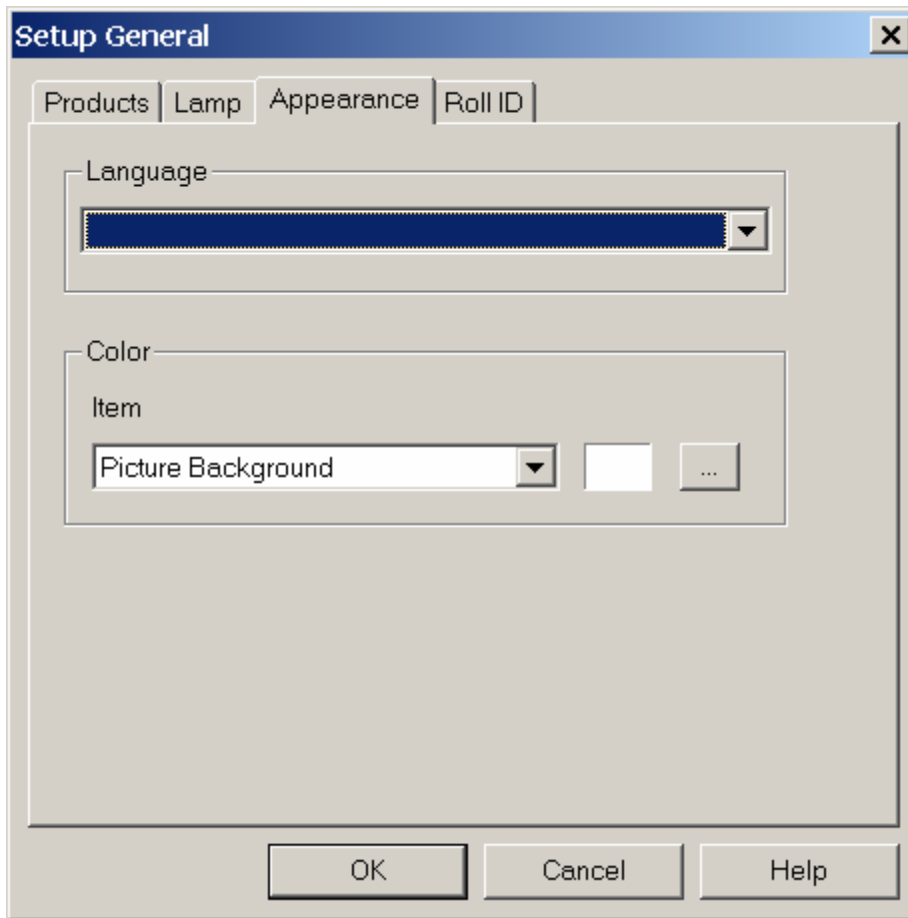
Lamp Saver

Check the box "Enable Lamp Save" to have PSI set the lamp in standby mode, or to turn it off.

Use the up and down arrows in each box to increase or decrease the desired amount of time for standby mode, and to turn the lamp off.

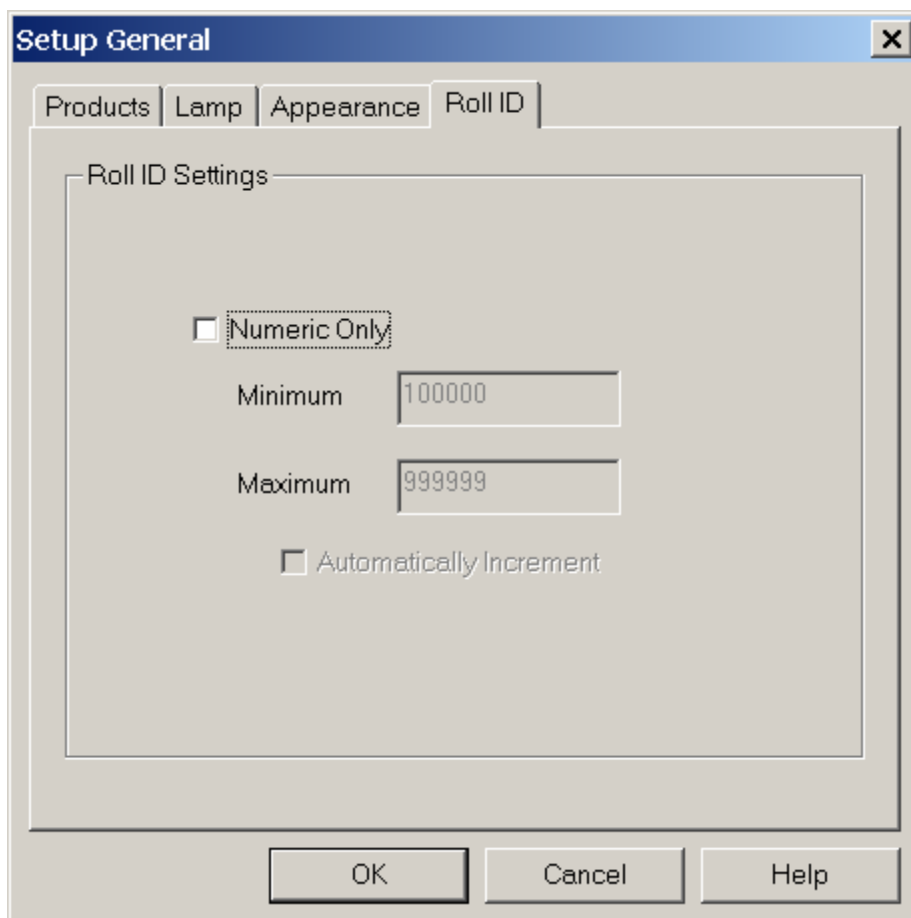
Appearance

Select the desired language and background color.



Roll ID

Set the Roll ID parameters here.



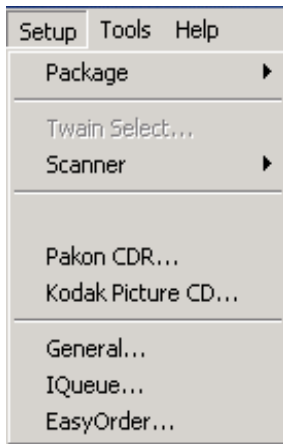
The operator can force the Roll ID to numeric only, and set the minimum and maximum values for the Roll ID.

The Roll ID value will "Automatically Increment" by one, every time the Scan button is checked.

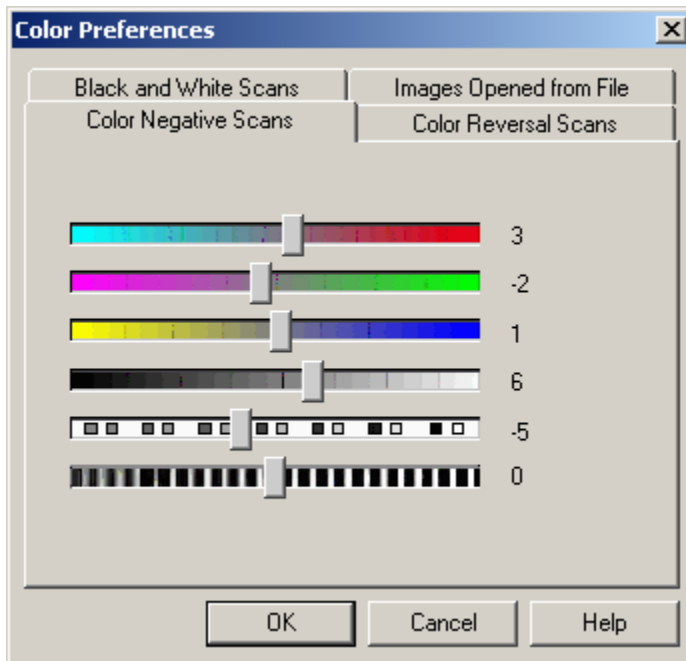
Color Preferences

The Setup Menu is available at the top of the main PSI screen. Click on "Setup" to access this menu.

PSI



Select "Color Preferences" to open this dialog box.



This menu allows the operator to setup default color values for the following types of images:

- Scanned Color Negative Images
- Scanned Black and White Images
- Scanned Color Reversal Images (Positive Film)
- Images Opened from File (including Digital Media)

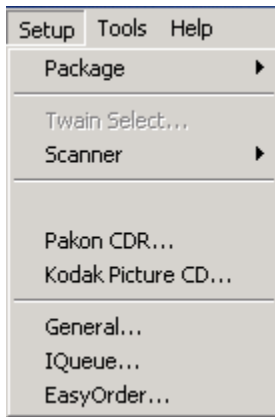
The numeric values on the right side of each slider correspond to the values show next to each image on the main PSI screen.



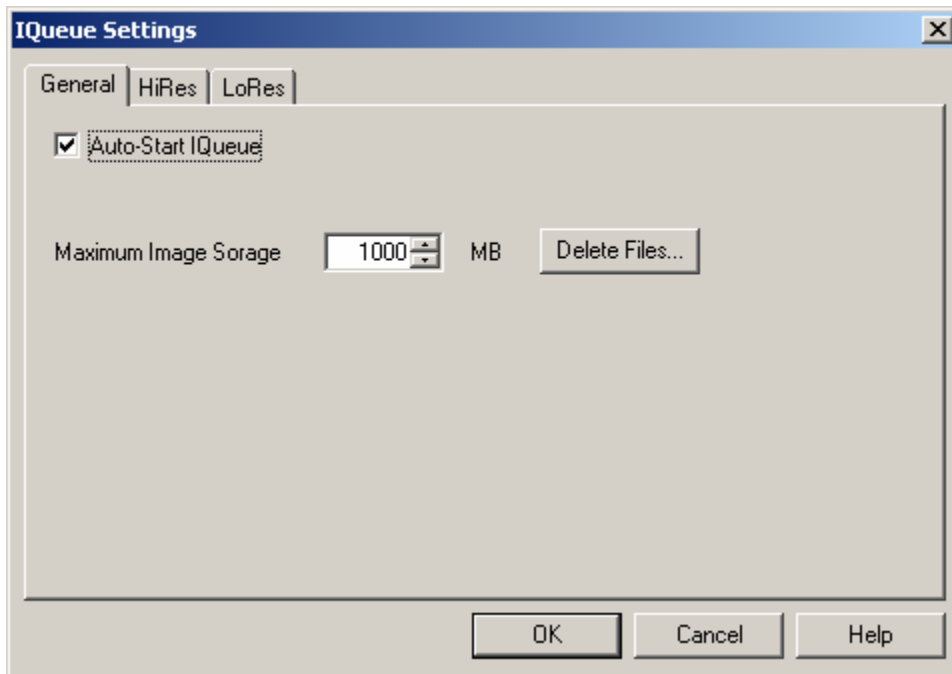
The bottom value is the "Sharpness" setting.

IQueue

The Setup Menu is available at the top of the main PSI screen. Click on "Setup" to access this menu.



The "IQueue" settings displays the following options:



General

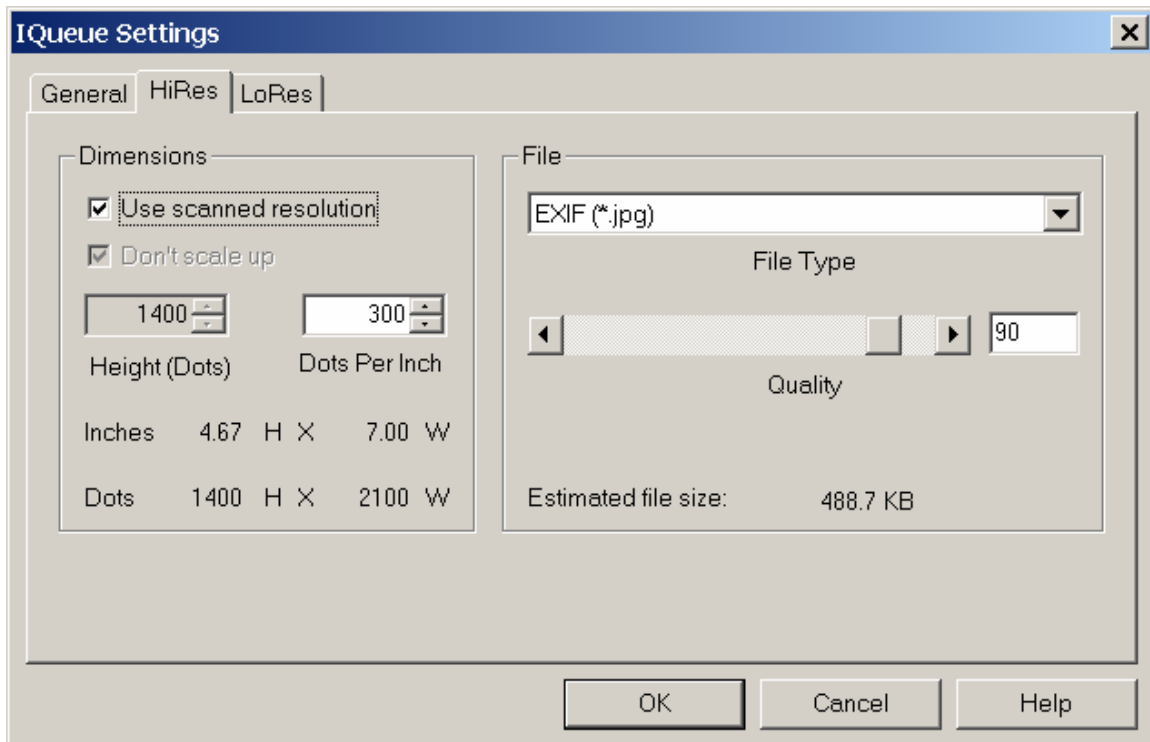
Auto-Start IQueue

When this box is checked, IQueue will automatically load when PSI is run.

Maximum Image Storage

The image archive will automatically be deleted when it reaches the size set (in MB) in this window.

Hi-Res



Dimensions

Use Scanned Resolution - uses the resolution the image was scanned at when saving the file to disk.

Don't Scale Up - does not allow the software to scale up an image resolution when saving to disk.

Height - Changes the height of the image, when "Use Scanned Resolution" is not enabled.

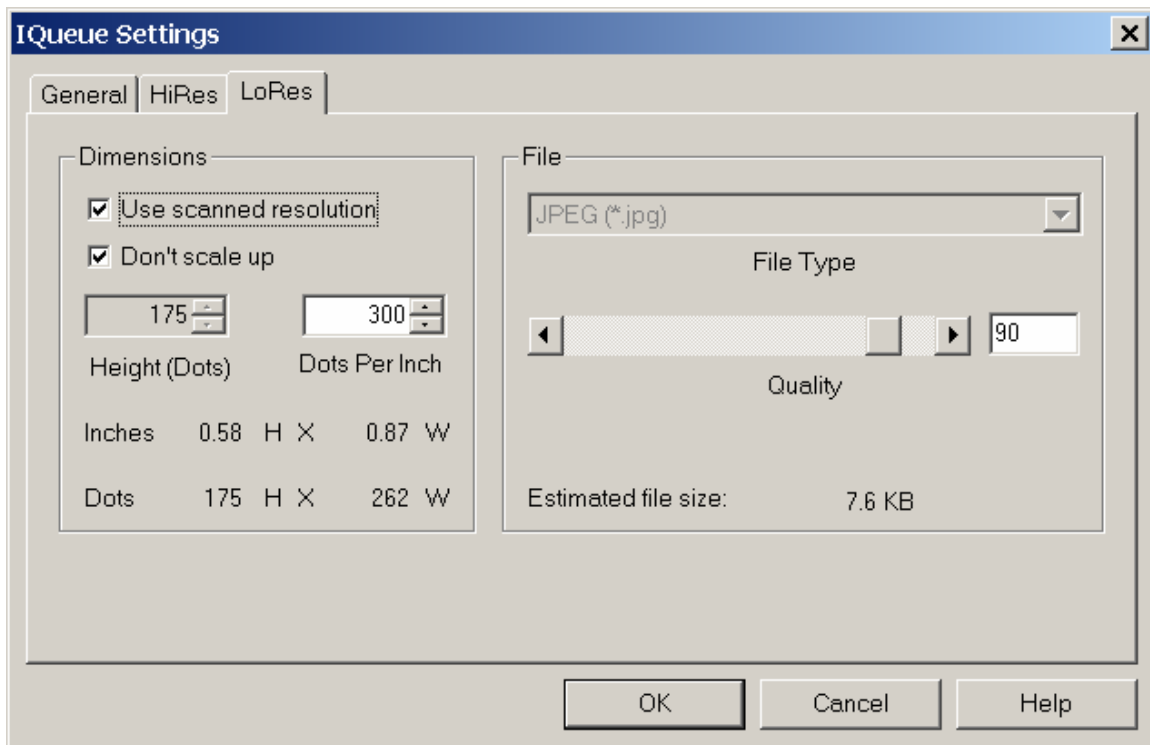
File

There are four file types available when saving to disk.

- JPEG
- EXIF JPEG
- BMP
- TIFF

Note: When making Kodak Picture CD's, "EXIF JPEG" and "Use Scanned Resolution" must be used.

LoRes



LoRes options are used only when saving a low resolution image along with high resolution versions of each image. They can only be saved in JPEG format.

Dimensions

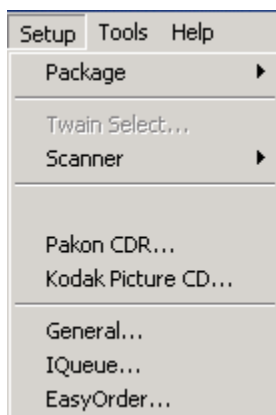
Use Scanned Resolution - uses the resolution the image was scanned at when saving the file to disk.

Don't Scale Up - does not allow the software to scale up an image resolution when saving to disk.

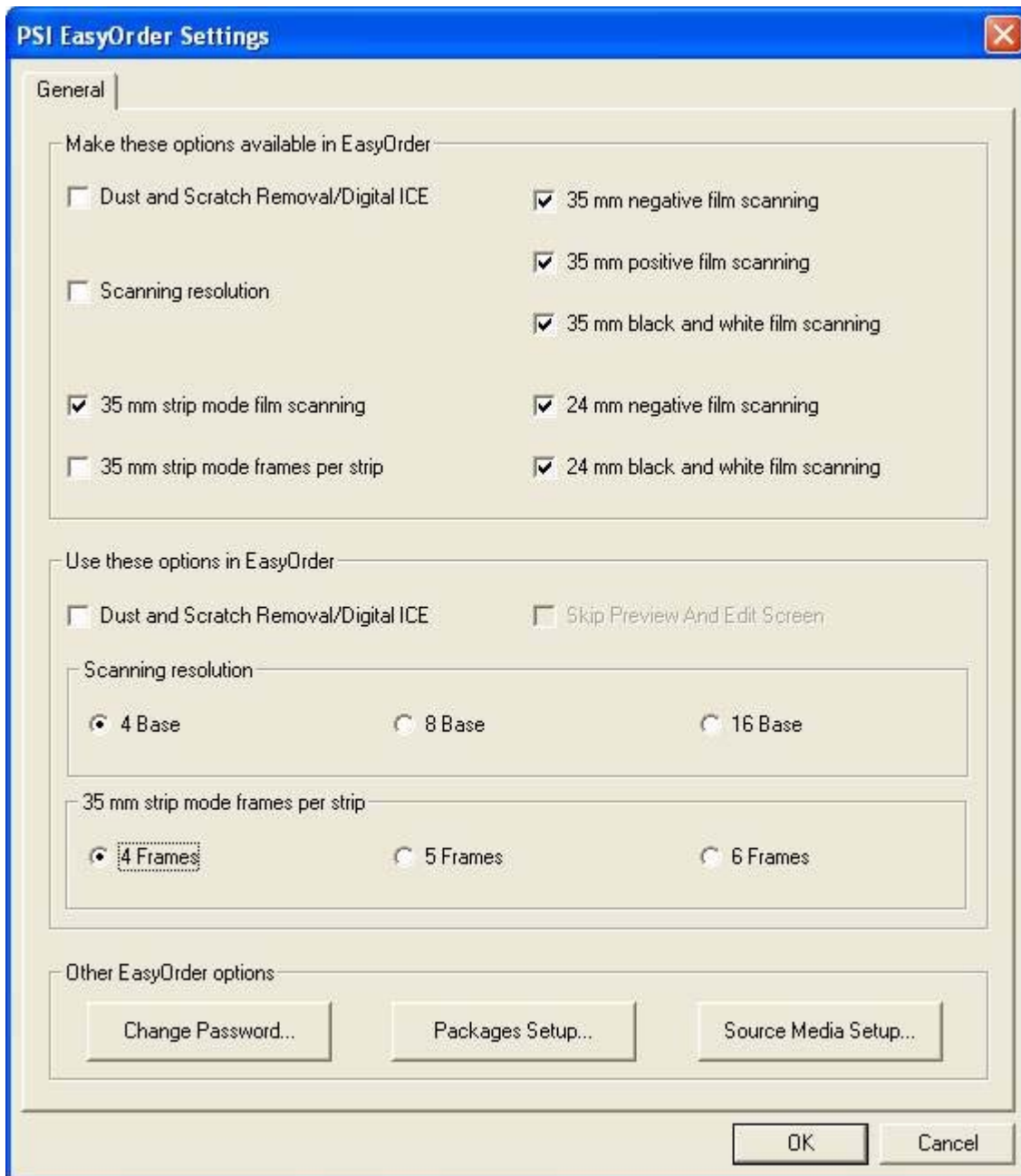
Height - Changes the height of the image, when "Use Scanned Resolution" is not enabled.

Easy Order Setup

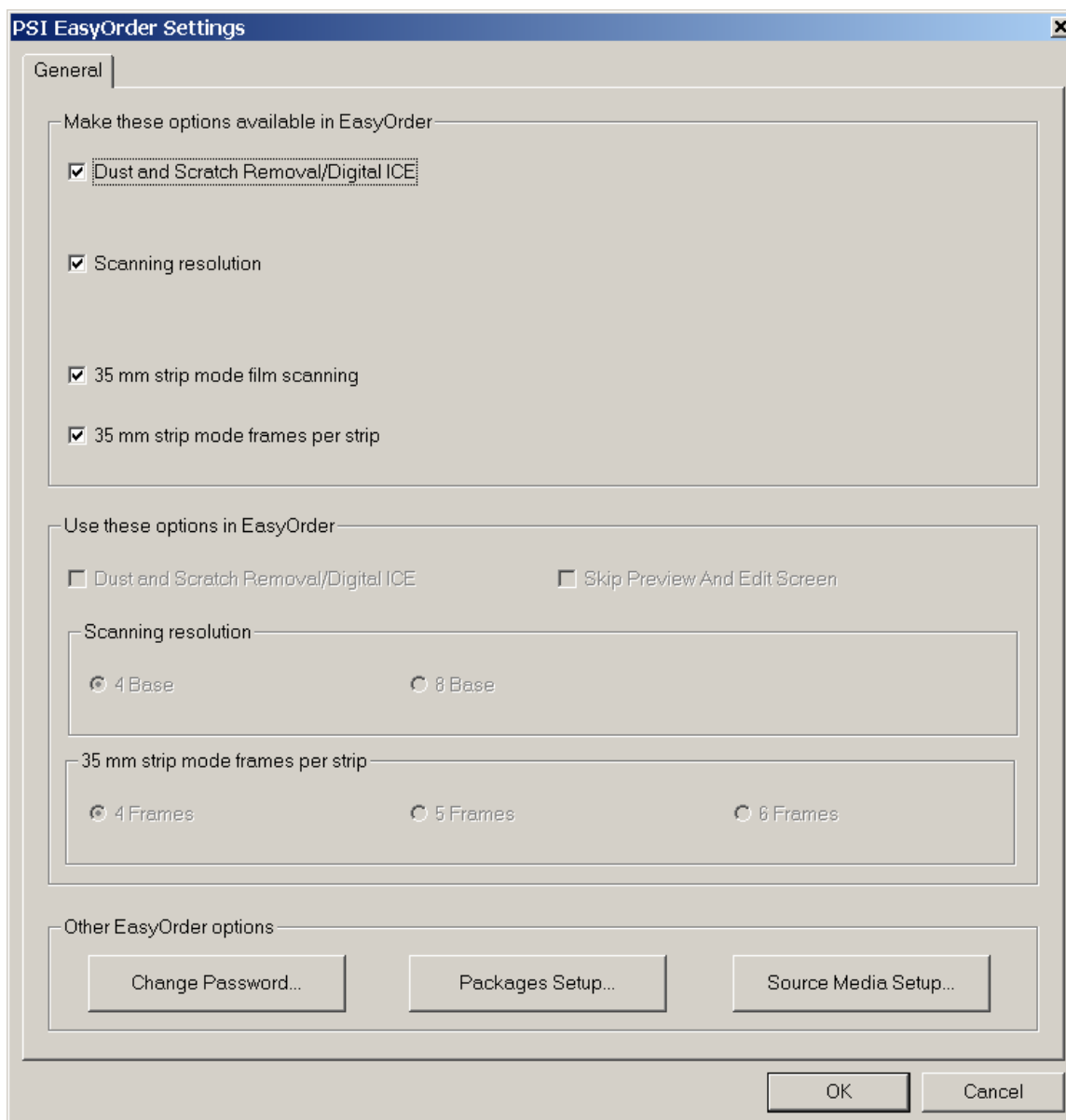
The Setup Menu is available at the top of the main PSI screen. Click on "Setup" to access this menu. Please see the EasyOrder chapter for more information on this operational mode.



Customize the Easy Order Settings in this dialog box. These settings affect the configuration for the PSI Easy Order.



The F-135 EasyOrder Settings Dialog will look like this:



Make These Options Available in EasyOrder

These options force the operator to select these options while creating a job.

Dust and Scratch Removal/Digital ICE - Checking this option will force the operator to select whether or not to use this feature for all scans.

Scanning Resolution - Checking this option will force the operator to select which resolution to use when beginning a scan job.

35 mm Strip Mode Film Scanning - Checking this option will force the operator to select if the film is a full roll or cut strips.

PSI

35 mm Strip Mode Frames per Strip - Checking this option will force the operator to select the number of images on each cut strip.

Use These Options in EasyOrder

These options will be the default values used when scanning in EasyOrder Mode.

Dust and Scratch Removal/Digital ICE - Checking this option will use the Digital ICE feature for all scans.

35 mm Settings

If a box is checked, that option will be available in the PSI Easy Order, if unchecked, it will be unavailable.

The number selected for "Strip Mode" is the default value for the size of cut strips.

24 mm Settings (F-235 Only)

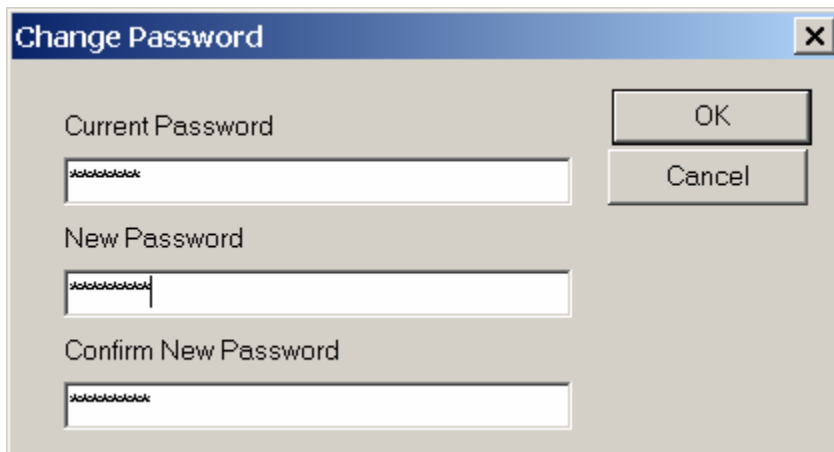
If a box is checked, that option will be available in the PSI Easy Order, if unchecked, it will be unavailable.

Resolution

The selected resolution will be the scan resolution for PSI Easy Order.

35 mm Strip Mode Frames per Strip - This option selects the number of images on each cut strip scanned. The operator will not be given a choice in the size of the cut strip.

Change Password

A screenshot of a "Change Password" dialog box. The dialog has a title bar with the text "Change Password" and a close button (X). Inside the dialog, there are three text input fields. The first field is labeled "Current Password" and contains the text "skakakakakak". The second field is labeled "New Password" and contains the text "skakakakakak". The third field is labeled "Confirm New Password" and contains the text "skakakakakak". To the right of the input fields are two buttons: "OK" and "Cancel".

The password can be changed to change between 'Classic' and 'PSI Easy Order' modes. The current password is required to change the password.

Package Setup

Packages can only be selected once, so it is important to have an option for every available package, including Kodak Picture CD, Pakon CD, folio, Picture CD and folio, Pakon CD and folio, 4x6 prints, Picture CD with a folio and 4x6 prints, etc.



The operator can define up to fifteen individual packages and give each a custom name. Click on the blue box to define that package.

Setup Package 4 [X]



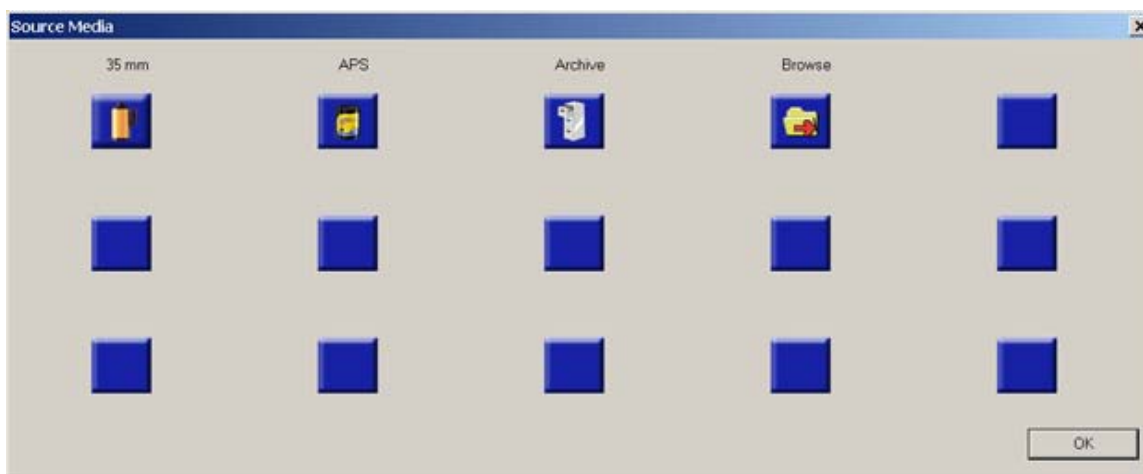
Name:

Press to change icon

Product	Quantity	
☒ Kodak Picture CD	1	Setup
☐ Pakon CD	1	Setup
☒ Sleeve	1	
☐ Print 4 x 6	1	☐ Passport
☐ Print 5 x 7	1	
☐ Print 8 x 10	1	
☐ Index	1	
☐ Contact	1	
☐ Diskette	1	Setup
☐ Save As		Setup
☐ Internet		

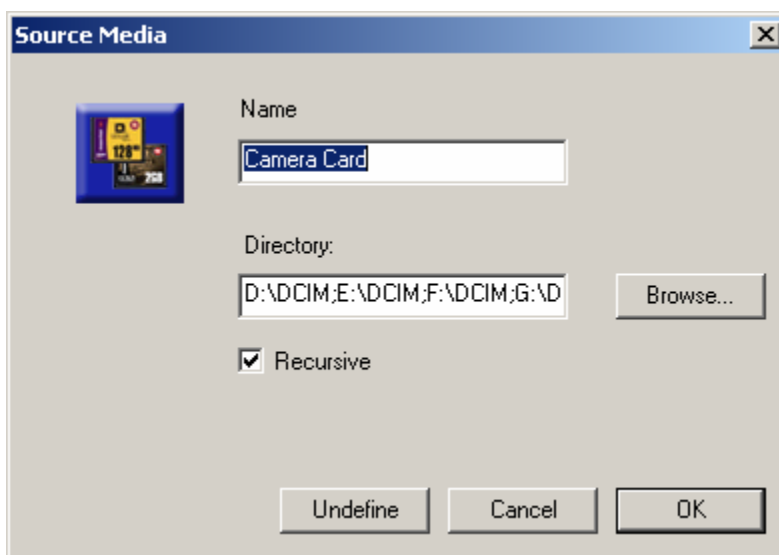
Each package can have multiple output options selected.

Source Media Setup



Fifteen source options can be made available to the operator. Click on the blue box to define that source media.

Source Media Setup



Name

Name the Source Media (Compact Flash, Smart Media, Camera Card would be good examples) to make identification easier for the operator.

Directory

List the path or paths from which PSI will acquire images. In this example, a camera card is used. All camera cards save images in the "DCIM" folder on the camera card. Type the name of the drive letters assigned to the camera card adaptor, followed by "DCIM". The semicolon is used to open more than one directory location.

PSI

In this example, PSI will open all images stored on any camera card that is currently installed in the PC. It will look in drives D:\, E:\, F:\, and G:\.

The "Browse" button will also show all available drives and folders from which to gather images.

For CD's, all images on Pakon and Kodak Picture CD's are located in the "\Pictures" directory.

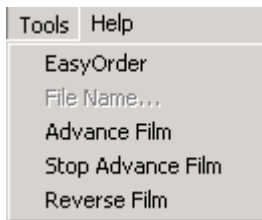
Recursive

Using the 'recursive' option will look in all subfolders in the folders specified in the "Directory" option. This option must be used for camera cards. It should not be used for CD's, as Pakon CD's will have low resolution images in a subfolder.

Tools Menu

Tools

If film gets stuck in the scanner, do not attempt to pull the film out manually. Doing so can damage the scanner. Instead, use the "Tools" menu to advance the film.



PSI Easy Order - Switches from "Classic" mode to "PSI Easy Order" mode.

Advance Film - The motor will run until stopped manually.

Stop Advance Film - Stops the running motor.

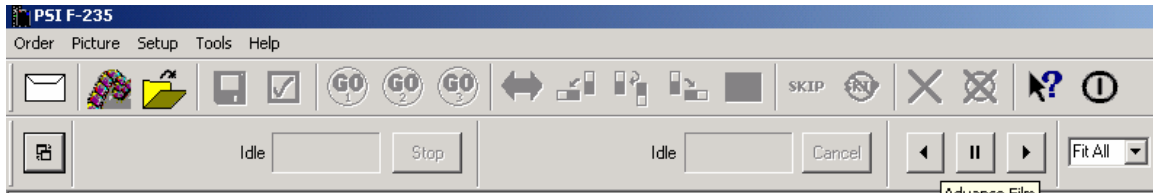
These options are also available on the main toolbar.



Create Products

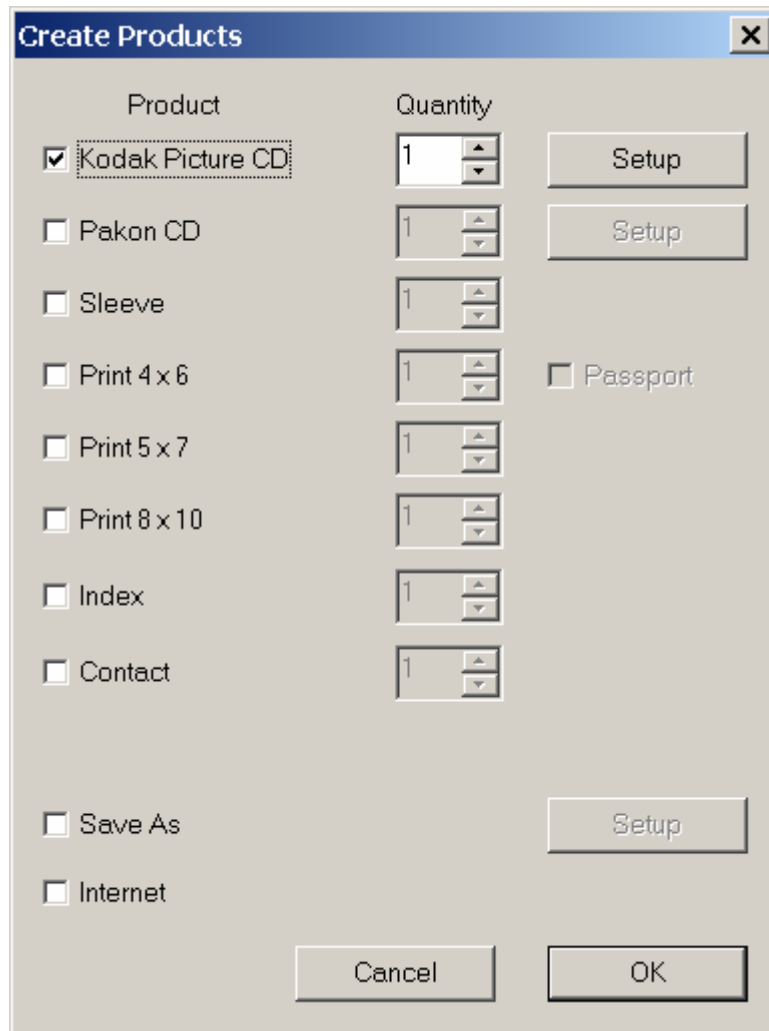
Creating a Kodak Picture CD

Once there are scanned images on the screen, the Order Products Button will become available.



Click on the Order Products Button to Open the Order Product Selection Box.

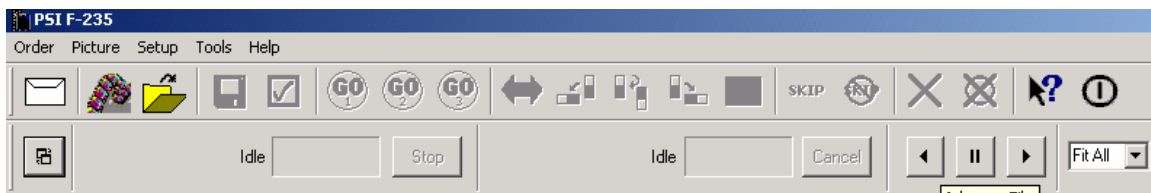
The Order Products Menu will open.



Click on the "Kodak Picture CD" box and select the quantity desired. Click on "OK" to begin making the CD.

Creating a Pakon CD

Once there are scanned images on the screen, the Order Products Button will become available.





Click on the Order Products Button to Open the Order Product Selection Box.

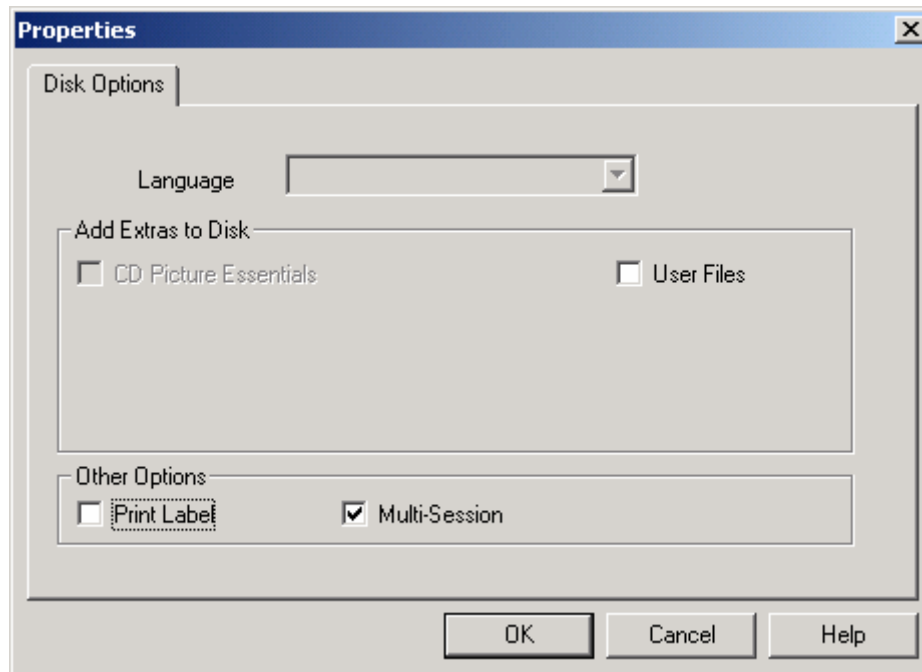
The Order Products Menu will open.

Product	Quantity	
☐ Kodak Picture CD	1	Setup
☒ Pakon CD	1	Setup
☐ Sleeve	1	
☐ Print 4 x 6	1	☐ Passport
☐ Print 5 x 7	1	
☐ Print 8 x 10	1	
☐ Index	1	
☐ Contact	1	
☐ Save As		Setup
☐ Internet		

Cancel OK

Check the "Pakon CD" box and select the quantity of Pakon CD's you wish to produce.

The "Setup" button offers the following options, if clicked:



Add Extras to Disk

PhotoParade - This is a CD viewing program that allows customers to view their images on their Pakon CD at home, without the need to have a program already installed.

User Files - Enabling this option will add any files in the C:\Program Files\Pakon\Extras\User folder.

File Naming Options

Include Roll ID - This option will add the Roll ID number to each file name. This helps distinguish rolls when multiple rolls are saved onto one CD.

Other CDR Options

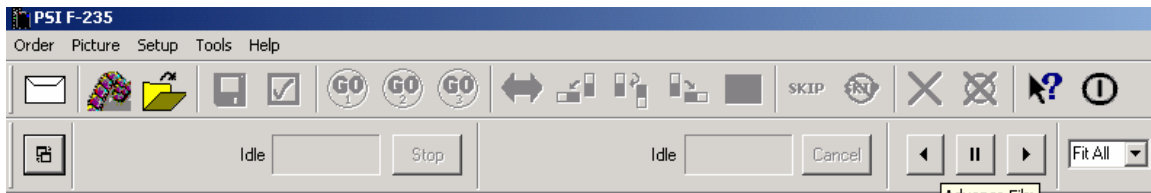
Add Low Res Images - A low resolution version of each image will be added in a separate folder on the Pakon CD.

Multi-Session - This will allow another roll to be added to the Pakon CD at a later date. For this function to work, this option must be selected every time the CD is put in the drive, unless it is desired to close the CD, and no longer be able to add further sessions to the CD.

Test Mode - Simulates the CD writing process. It is used to verify that the system can properly write CD's, without actually performing the write.

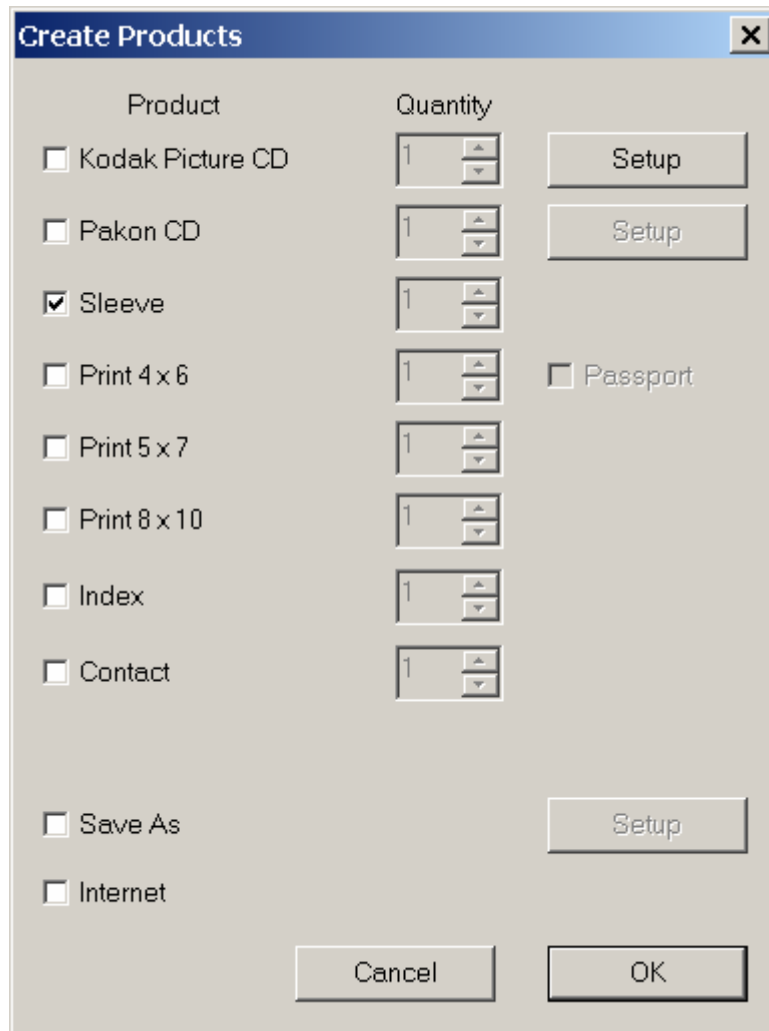
Creating a Sleeve

Once there are scanned images on the screen, the Order Products Button will become available.



 Click on the Order Products Button to Open the Order Product Selection Box.

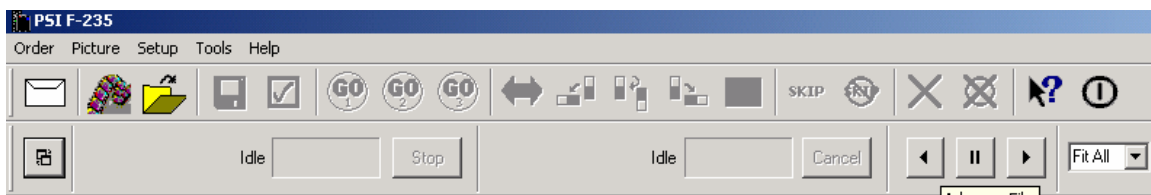
The Order Products Menu will open.



Check the "Sleeve" box to print a Sleeve.

Creating a 4x6 Print

Once there are scanned images on the screen, the Order Products Button will become available.





Click on the Order Products Button to Open the Order Product Selection Box.

The Order Products Menu will open.

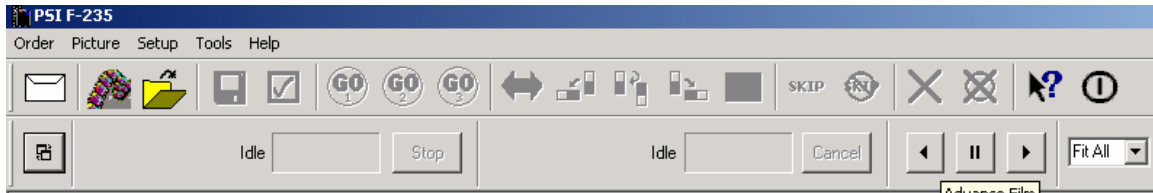
Product	Quantity	
☐ Kodak Picture CD	1	Setup
☐ Pakon CD	1	Setup
☐ Sleeve	1	
☒ Print 4 x 6	1	☐ Passport
☐ Print 5 x 7	1	
☐ Print 8 x 10	1	
☐ Index	1	
☐ Contact	1	
☐ Save As		Setup
☐ Internet		

Cancel OK

Check the "Print 4x6" box to print a 4x6.

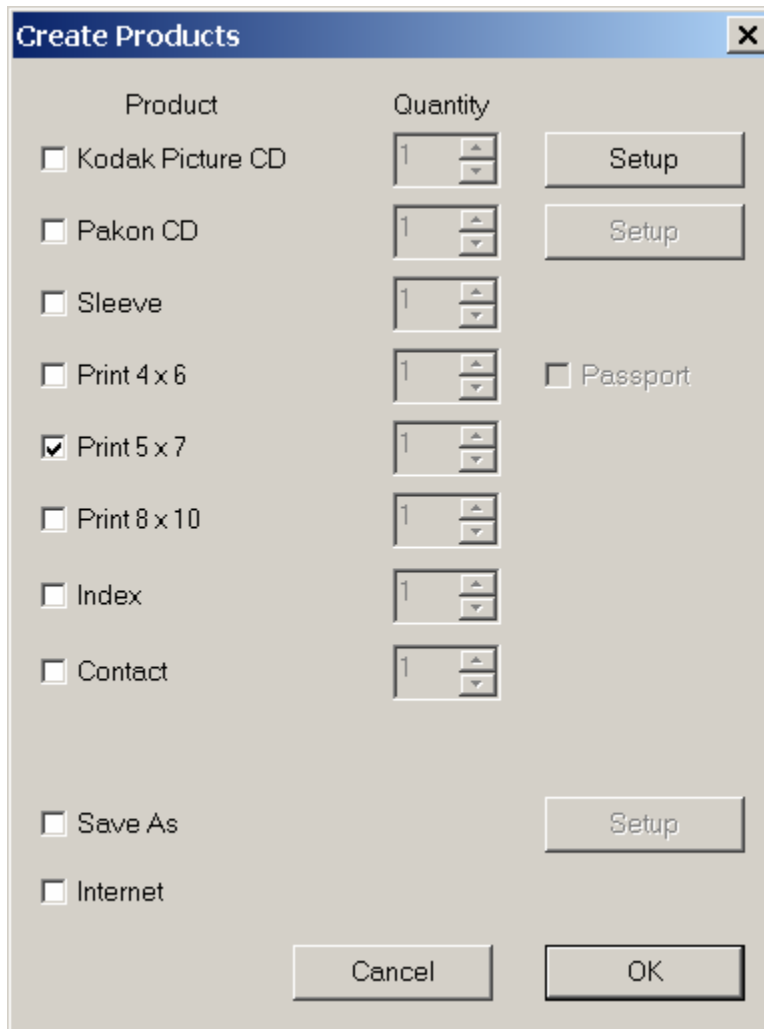
Creating a 5x7 Print

Once there are scanned images on the screen, the Order Products Button will become available.



Click on the Order Products Button to Open the Order Product Selection Box.

The Order Products Menu will open.



The "Create Products" dialog box features a title bar with a close button (X). The main area is divided into two columns: "Product" and "Quantity". The "Product" column lists various items with checkboxes: Kodak Picture CD, Pakon CD, Sleeve, Print 4 x 6, Print 5 x 7 (checked), Print 8 x 10, Index, Contact, Save As, and Internet. The "Quantity" column shows a numeric value of 1 for each product, with up and down arrows for adjustment. To the right of the "Quantity" column, there are "Setup" buttons for Kodak Picture CD, Pakon CD, and Save As, and a "Passport" checkbox. At the bottom, there are "Cancel" and "OK" buttons.

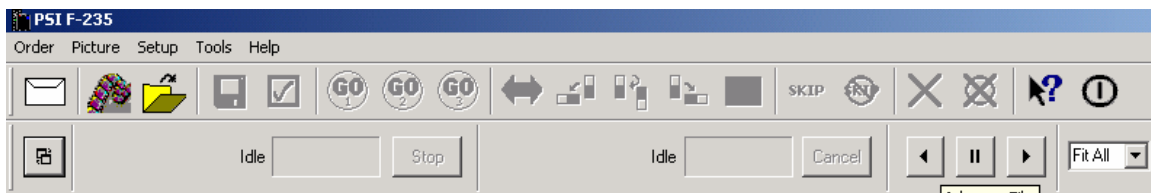
Product	Quantity	Setup
☐ Kodak Picture CD	1	Setup
☐ Pakon CD	1	Setup
☐ Sleeve	1	
☐ Print 4 x 6	1	☐ Passport
☒ Print 5 x 7	1	
☐ Print 8 x 10	1	
☐ Index	1	
☐ Contact	1	
☐ Save As		Setup
☐ Internet		

Cancel OK

Check the "Print 5x7" box to print a 5x7.

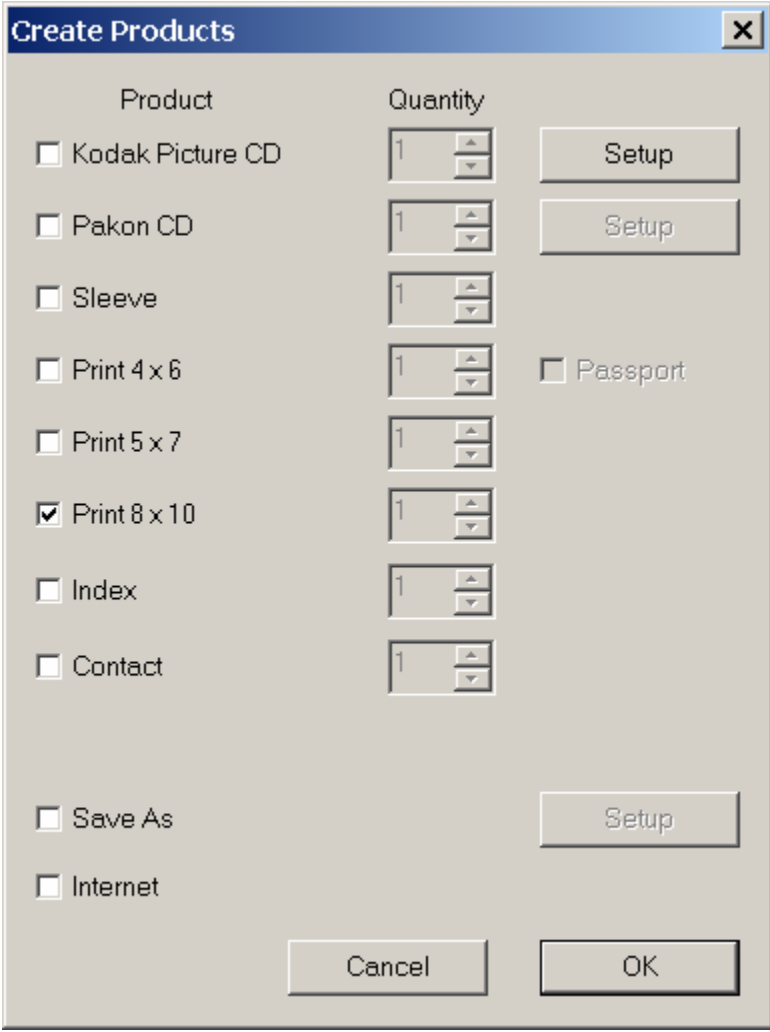
Creating an 8x10 Print

Once there are scanned images on the screen, the Order Products Button will become available.



 Click on the Order Products Button to Open the Order Product Selection Box.

The Order Products Menu will open.



The "Create Products" dialog box features a title bar with a close button (X). It contains a table with two columns: "Product" and "Quantity". The "Product" column lists various items with checkboxes, and the "Quantity" column has spinners for each. To the right of the table are "Setup" buttons for each product. At the bottom, there are "Cancel" and "OK" buttons. A "Passport" checkbox is located to the right of the "Print 4 x 6" row. Below the table, there are checkboxes for "Save As" and "Internet", each with its own "Setup" button.

Product	Quantity	Setup
☐ Kodak Picture CD	1	Setup
☐ Pakon CD	1	Setup
☐ Sleeve	1	
☐ Print 4 x 6	1	☐ Passport
☐ Print 5 x 7	1	
☒ Print 8 x 10	1	
☐ Index	1	
☐ Contact	1	

☐ Save As Setup

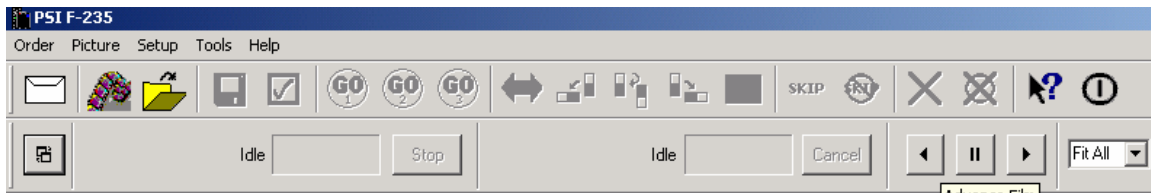
☐ Internet

Cancel OK

Check the "Print 8x10" box to print a 8x10.

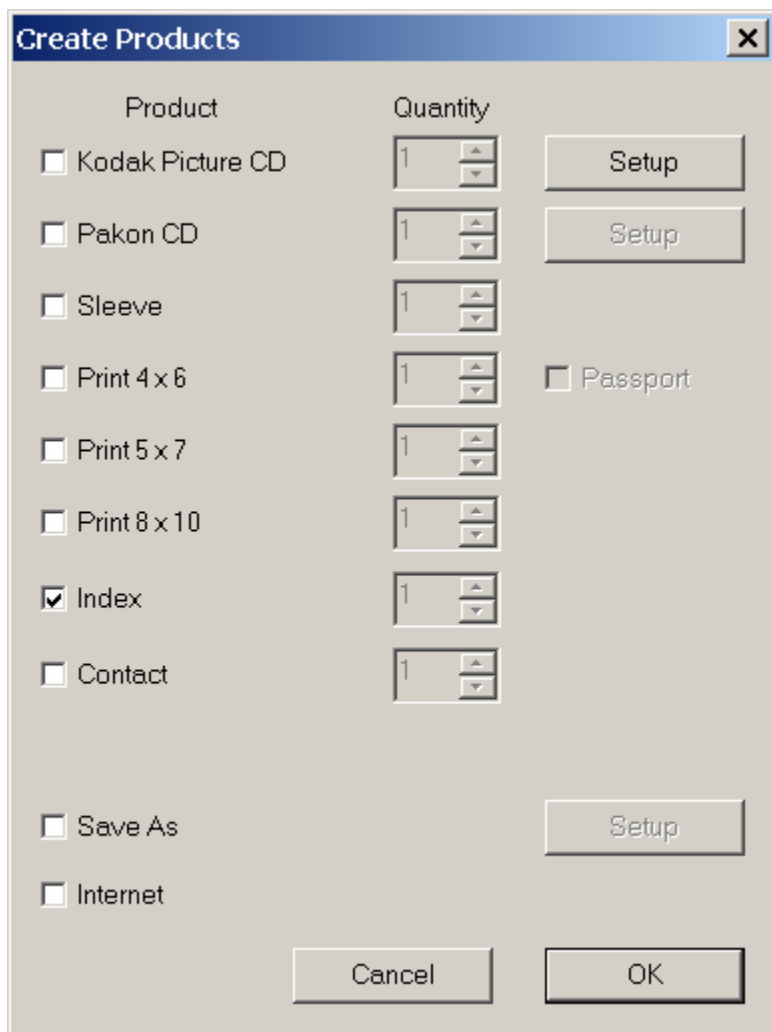
Creating an Index Print

Once there are scanned images on the screen, the **Order Products Button** will become available.



 Click on the Order Products Button to Open the Order Product Selection Box.

The Order Products Menu will open.



The "Create Products" dialog box is a window with a title bar and a close button. It contains a table with two columns: "Product" and "Quantity". The "Quantity" column has a numeric input field with up and down arrows. To the right of the table are "Setup" buttons for each product. Below the table are checkboxes for "Save As", "Internet", and "Passport". At the bottom are "Cancel" and "OK" buttons.

Product	Quantity	Setup
☐ Kodak Picture CD	1	Setup
☐ Pakon CD	1	Setup
☐ Sleeve	1	
☐ Print 4 x 6	1	☐ Passport
☐ Print 5 x 7	1	
☐ Print 8 x 10	1	
☒ Index	1	
☐ Contact	1	

☐ Save As Setup

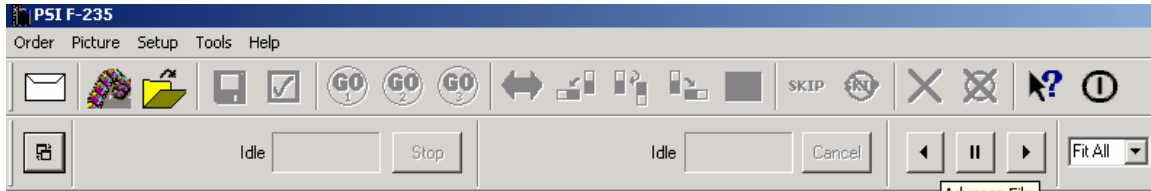
☐ Internet

Cancel OK

Check the "Index" box to create an Index print.

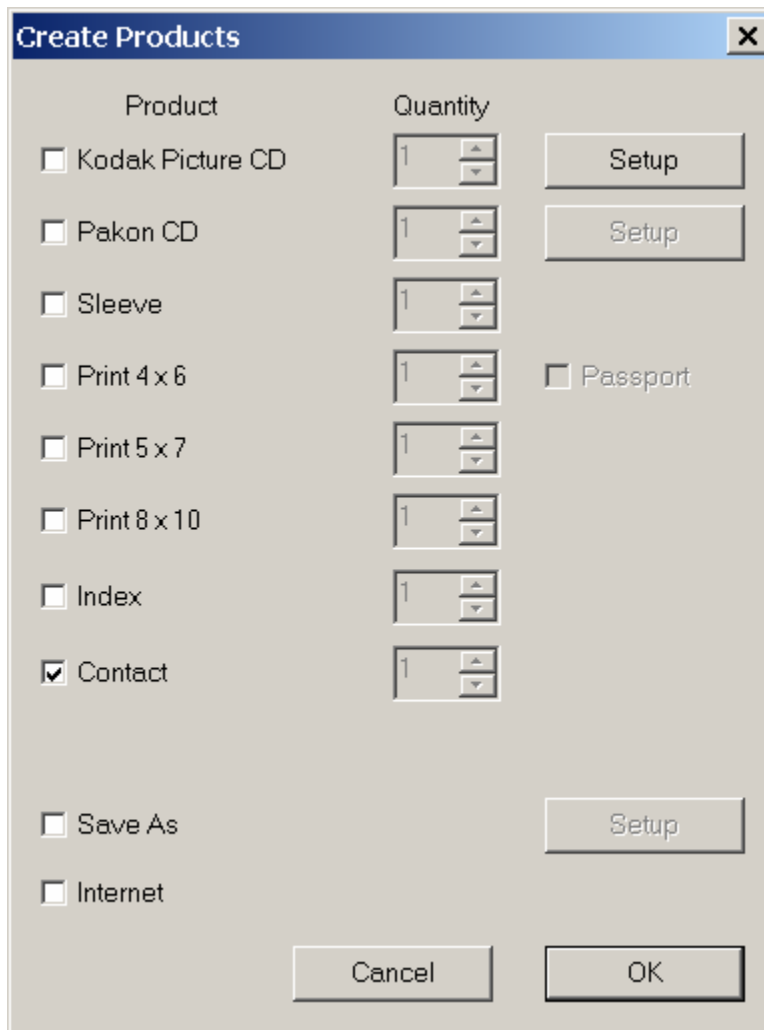
Creating a Contact Print

Once there are scanned images on the screen, the Order Products Button will become available.



Click on the Order Products Button to Open the Order Product Selection Box.

The Order Products Menu will open.



The "Create Products" dialog box features a table with two columns: "Product" and "Quantity". The "Product" column lists various items with checkboxes: Kodak Picture CD, Pakon CD, Sleeve, Print 4 x 6, Print 5 x 7, Print 8 x 10, Index, and Contact. The "Quantity" column contains spinners for each item, all set to 1. To the right of the table, there are "Setup" buttons for the first two products and a "Passport" checkbox. Below the table, there are checkboxes for "Save As" and "Internet", each with its own "Setup" button. At the bottom are "Cancel" and "OK" buttons.

Product	Quantity
☐ Kodak Picture CD	1
☐ Pakon CD	1
☐ Sleeve	1
☐ Print 4 x 6	1
☐ Print 5 x 7	1
☐ Print 8 x 10	1
☐ Index	1
☒ Contact	1

☐ Passport

☐ Save As ☐ Internet

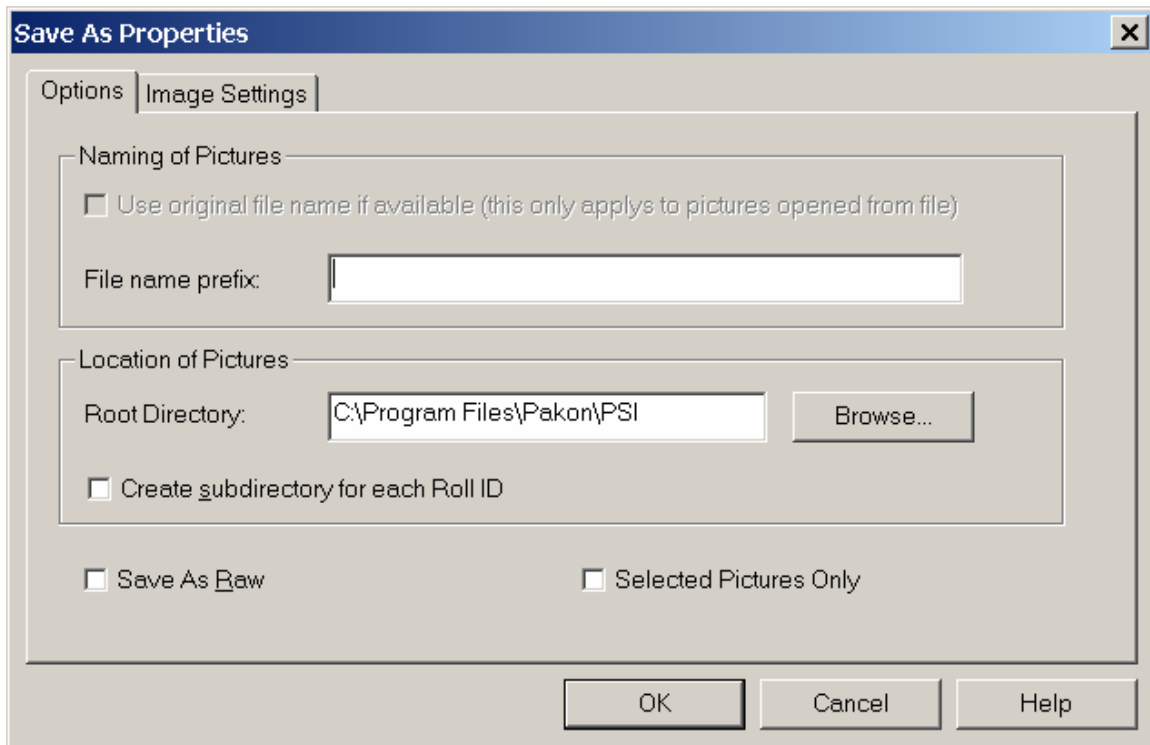
Buttons: Setup, Setup, Setup, Passport, Setup, Cancel, OK

Check the "Contact" box to create a Contact sheet.

Save As

Once there are scanned images on the screen, the "Save As" option will become available in the "Order" menu.

Click on this option to save the selected images to the host computer.



File Name Prefix

This is the name that the selected images will be saved as. Inserting "ROLLID" will put the order's roll ID in the name of the saved file. Inserting "COUNT" will add the count of each picture within the order. For example, the first image in an order will be numbered "01" even if it has an index number of 04. Typing in anything else will add that as a prefix to the file name.

For example, if this is in the "File name prefix" box, this is how images will be saved to disk, assuming a roll ID of 5625:

"COUNT_ROLLID_Pakon_"

An image that would otherwise be named AAA004 would become
"01_5625_Pakon_AAA004.jpg"

The next image would be named "02_5625_Pakon_AAA005.jpg"

Location of Pictures

This is the path where the selected images will be saved to.

Create Subdirectory for each Roll ID

This will create a sub folder for each unique Roll ID within the same order.

Save as RAW

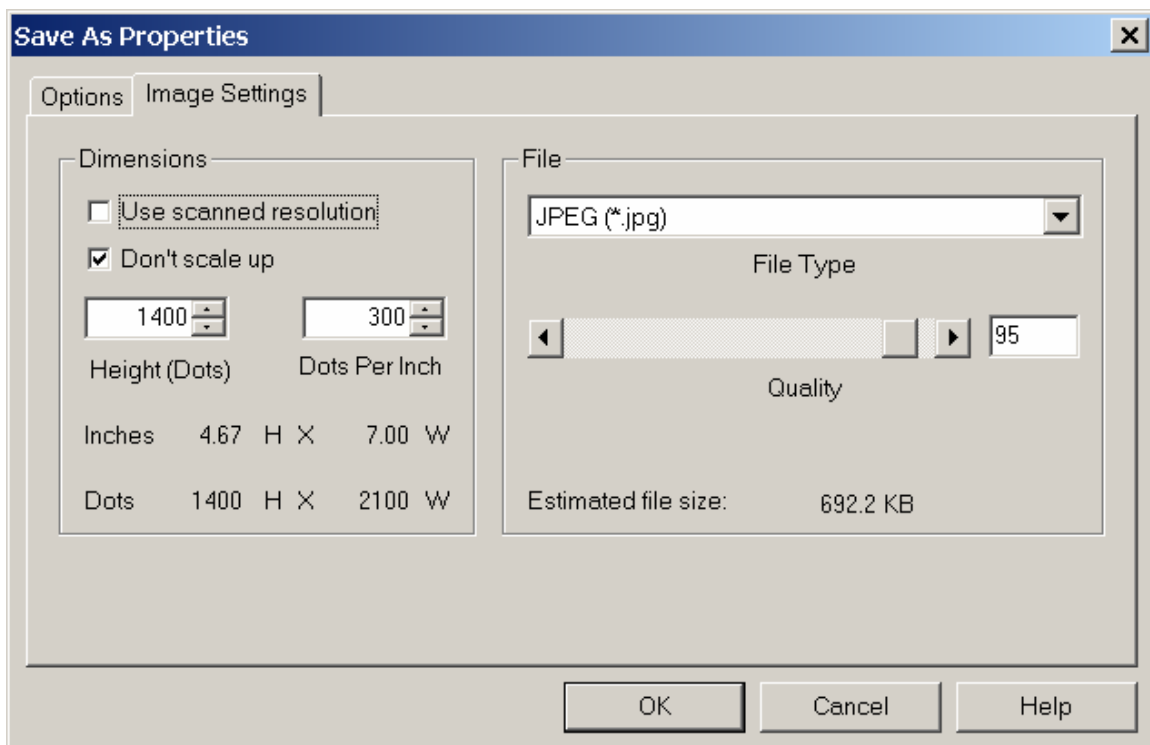
This will save the image without any color correction. The image will appear as a negative.

Selected Pictures Only

This will save only the images which are selected with a red box around them.

Image Settings

Change these options to save the images as different file types, different sizes, and different compression schemes.

**Use Scanned Resolution**

This will save the image in the resolution in which the image was scanned.
(1000 x 1500 for 4 Base, 1400 x 2100 for 8 Base, or 2000 x 3000 for 16 Base)

Don't Scale Up

Will not scale the image up to fit a larger size.

Height

PSI

Sets the height of the output image, measured in pixels.

File

Available options are TIFF, Bitmap, JPEG, and EXIF JPEG.

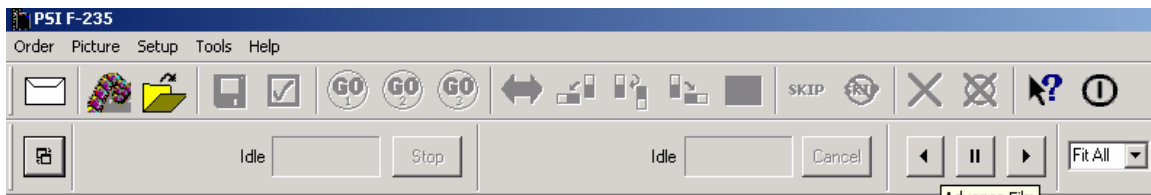
Quality

Changes the compression ratio for the JPEG images.

Internet

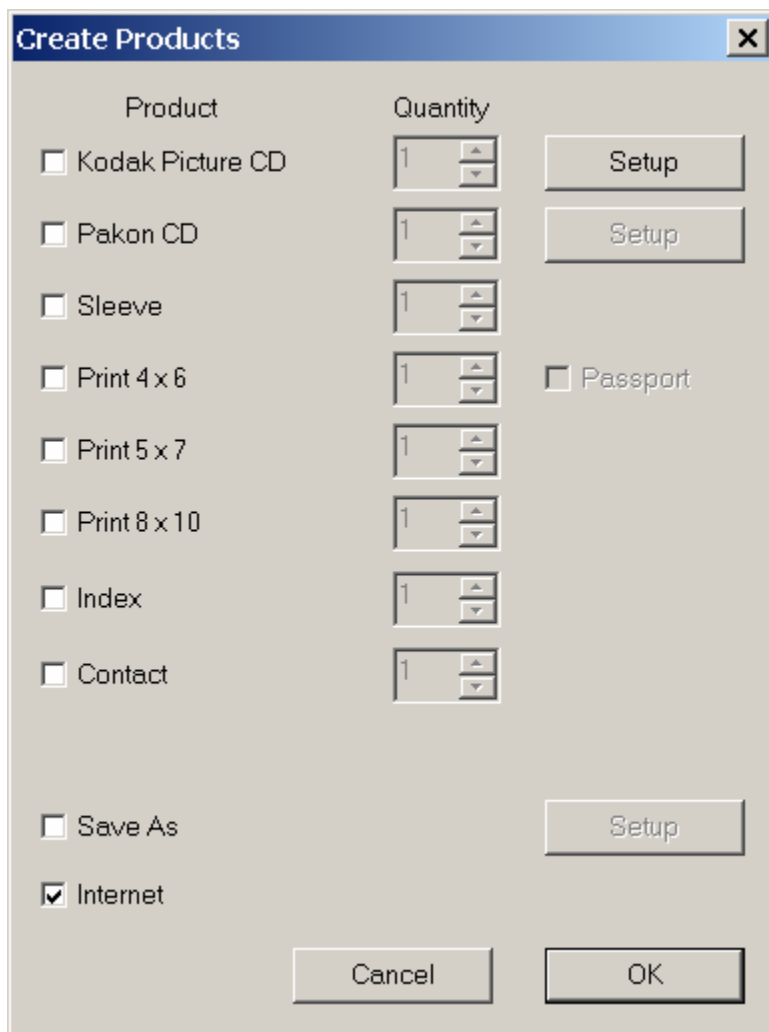
Please contact Pakon Sales for more information about Internet Upload Options.

Once there are scanned images on the screen, the Order Products Button will become available.



Click on the Order Products Button to Open the Order Product Selection Box.

The Order Products Menu will open.



The "Create Products" dialog box features a title bar with a close button (X). It contains a table with two columns: "Product" and "Quantity". The "Product" column lists items with checkboxes: Kodak Picture CD, Pakon CD, Sleeve, Print 4 x 6, Print 5 x 7, Print 8 x 10, Index, and Contact. The "Quantity" column shows a value of 1 for each item, with up and down arrows for adjustment. To the right of the table, there are "Setup" buttons for the first three products and a "Passport" checkbox. Below the table, there are checkboxes for "Save As" and "Internet" (which is checked), and a "Setup" button. At the bottom are "Cancel" and "OK" buttons.

Product	Quantity
☐ Kodak Picture CD	1
☐ Pakon CD	1
☐ Sleeve	1
☐ Print 4 x 6	1
☐ Print 5 x 7	1
☐ Print 8 x 10	1
☐ Index	1
☐ Contact	1

☐ Passport

☐ Save As

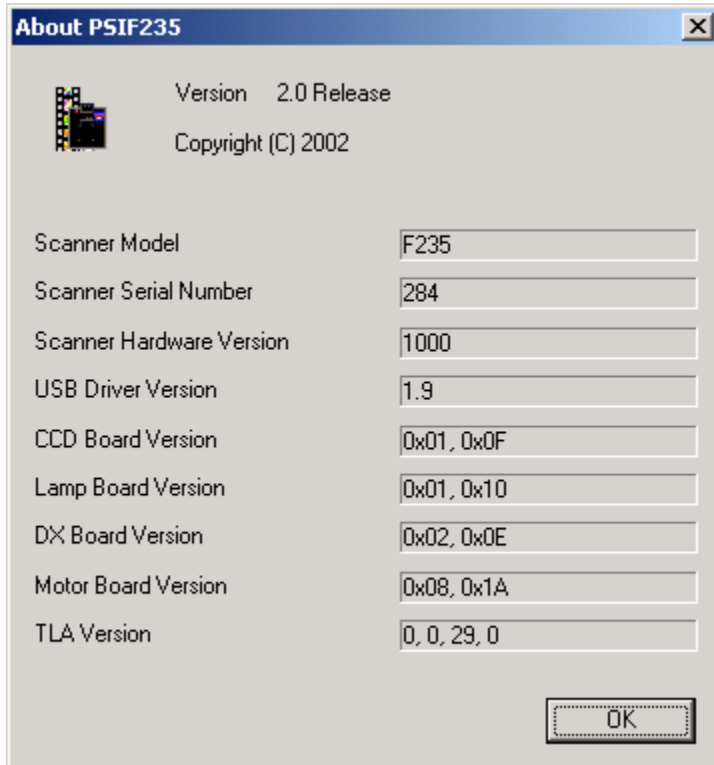
☒ Internet

Check the "Internet" box to upload the order to the Internet.

Help Menu

About Pakon

To get detailed information about your F-235 and the version of PSI Software, click on "About."



In the event that you call Technical Support, you may be asked to supply this information to your support representative.

IQueue

IQueue Program

IQueue is an independent program from PSI, though it is dependent on PSI for any output. IQueue must load along with PSI for it to operate properly.

Therefore, there is an option in PSI to force IQueue to load with PSI.

IQueue waits to receive a signal from PSI that there are images pending in the queue for IQueue to process and output. IQueue has three states that it operates in.

IQueue allows the operator to assign multiple printers with multiple tasks. For example, an ink jet printer is required for sleeves and CD labels. But the operator can also set up IQueue to use a dye-sub printer for 4x6 prints and a digital mini-lab for 8x10's.

IQueue has three modes of operation:

Waiting - IQueue is waiting for jobs from PSI to begin.

Running - IQueue is processing a job or jobs.

Stopped - IQueue has stopped, or put all orders on hold, due to the operator having stopped it.

PSI

Running Jobs

	Product	Roll ID	Frames	Status	Submitted	Started
Contact	OK	Status				
Sleeve	OK	Status				
Index	OK	Status				
Single	OK	Status				
Single	OK	Status				
Mini Lab	Off Line	Status				
Internet	OK	Status				
CD-R	OK	Status				

Pending Jobs

	Product	Roll ID	Frames	Submitted
1	OK	Cancel		
2	OK	Cancel		
3	OK	Cancel		
4	OK	Cancel		
5	OK	Cancel		
6	OK	Cancel		

Return to Order Entry



Clicking on this button will bring the operator back to PSI.

Pending Jobs

Jobs are sent to IQueue from PSI. A job consists of an Internet, CD-R, Sleeve, Index, or Single request.

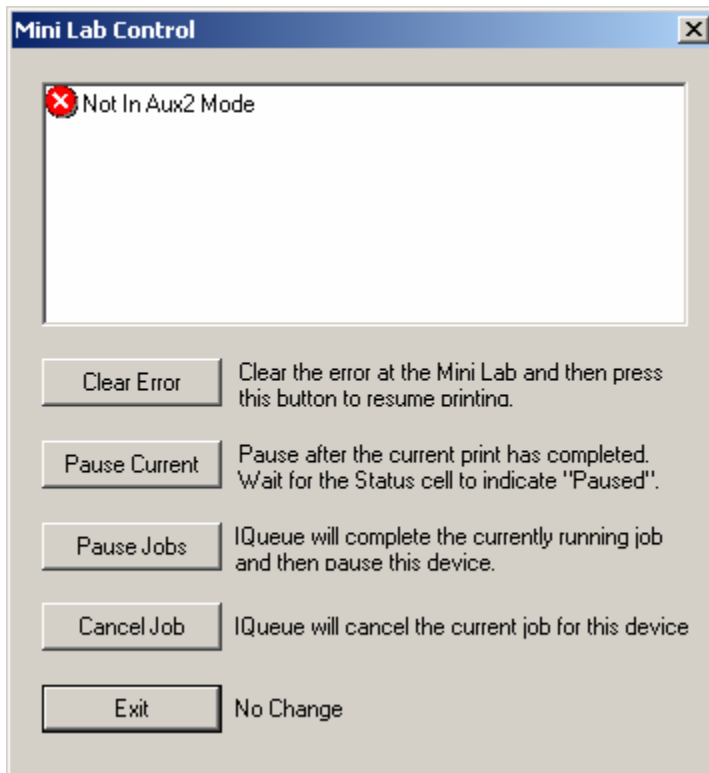
Jobs can sit in pending if IQueue is stopped. Otherwise they will move to "Running Jobs" as any previous job completes.

Running Jobs

Running jobs come from the "Pending Jobs" queue. These jobs are in process and can be cancelled, if so desired.

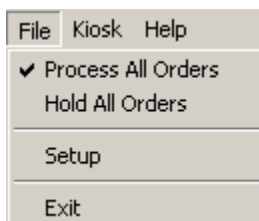
Order Status

Click on the "Status" button to access the control box for each order type.



Each order can be paused independently of other orders, by clicking on the "Pause Current" button.

File



Process All Orders - Process orders once they reach the queue.

Hold All Orders - Keep orders as "pending" until the operator chooses to process them.

Setup - Change IQueue options.

Kiosk

The Kiosk option is only used when an F-235 is connected to KIAS compliant kiosks, such as Kodak Picture Maker G3, that will process network jobs in IQueue II.

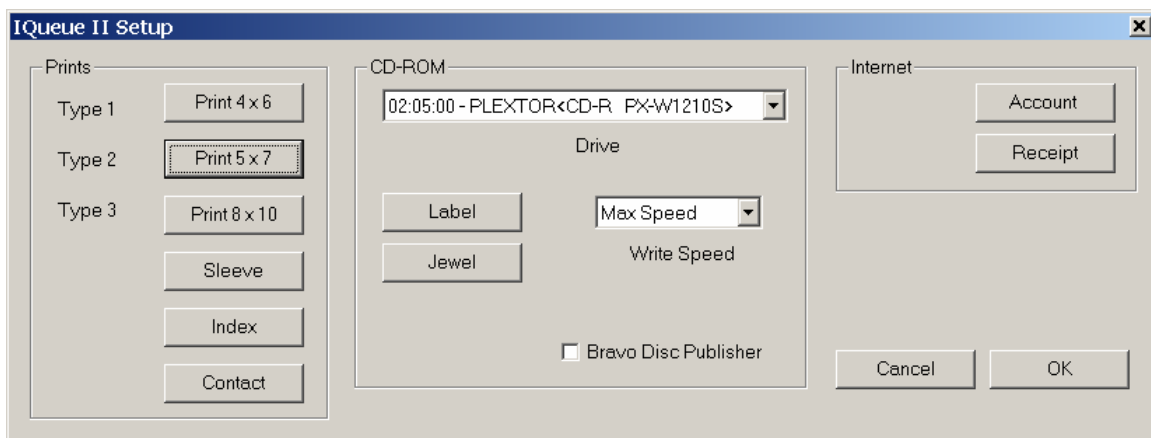


Hold Kiosk Orders - Kiosk orders are stored on the computer, but not processed by IQueue II.

Process Kiosk Orders - Kiosk orders, including those that were held, are processed in turn.

IQueue Settings

To open the IQueue Settings window, click on "File" and "Setup."



Prints

Type 1 - Change print options for this type.

Type 2 - Change print options for this type.

Type 3 - Change print options for this type.

CD-ROM

Select the CD-R drive to be used by IQueue when making Pakon or Kodak Picture CD's

PSI

Label Setup - Change the CD label print options

Jewel Setup - Change the Jewel case insert print options

Advanced - Change the options regarding how many processes to run simultaneously.

Bravo Disc Publisher - enables Primera Bravo CD Burner and Printer.

Sleeve

Change the print options for sleeves

Index

Change the print options for index prints

Contact

Change the print options for contact prints

Internet

Account - Setup the Internet upload account information.

Receipt - Setup the Internet upload receipt settings.

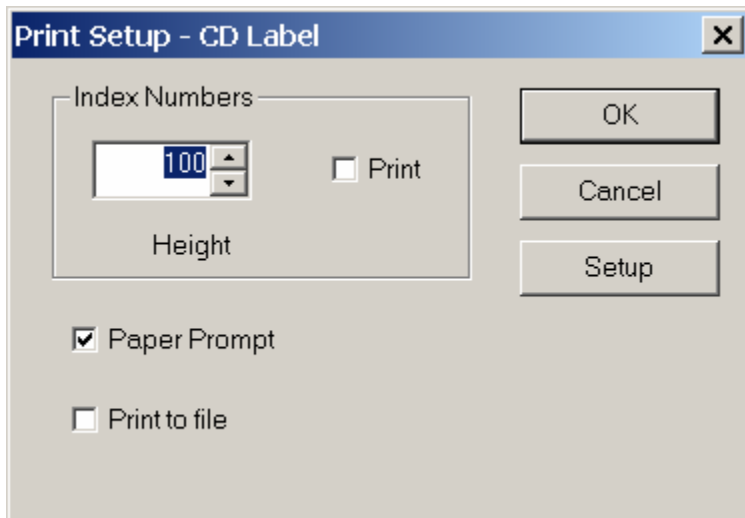
Directories

Change the directories used for IQueue.

PAKON STRONGLY RECOMMENDS THESE DIRECTORIES NOT BE CHANGED!

CD Label

IQueue will print a label with thumbnail images.



Index Numbers

Print - Prints the index number in the corner of the thumbnail.

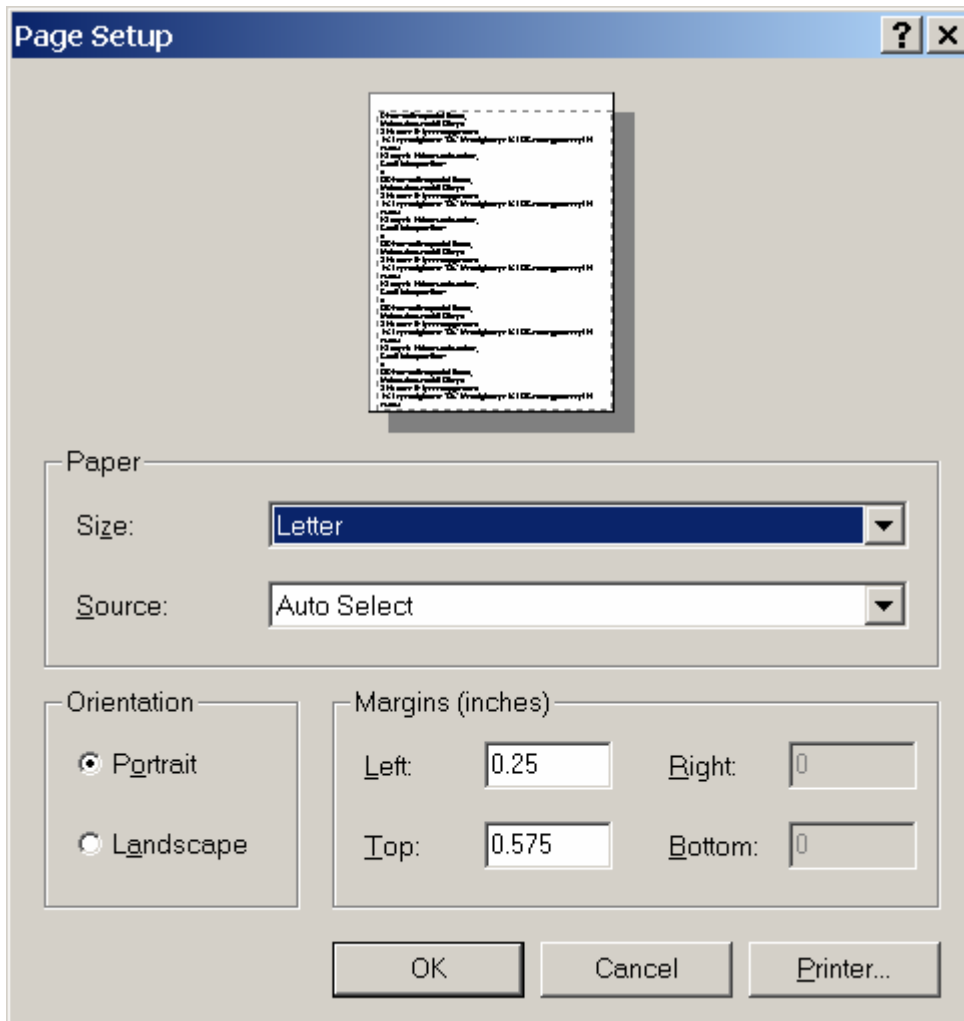
Height - Specifies the height of the index number printed on the label.

Print to File

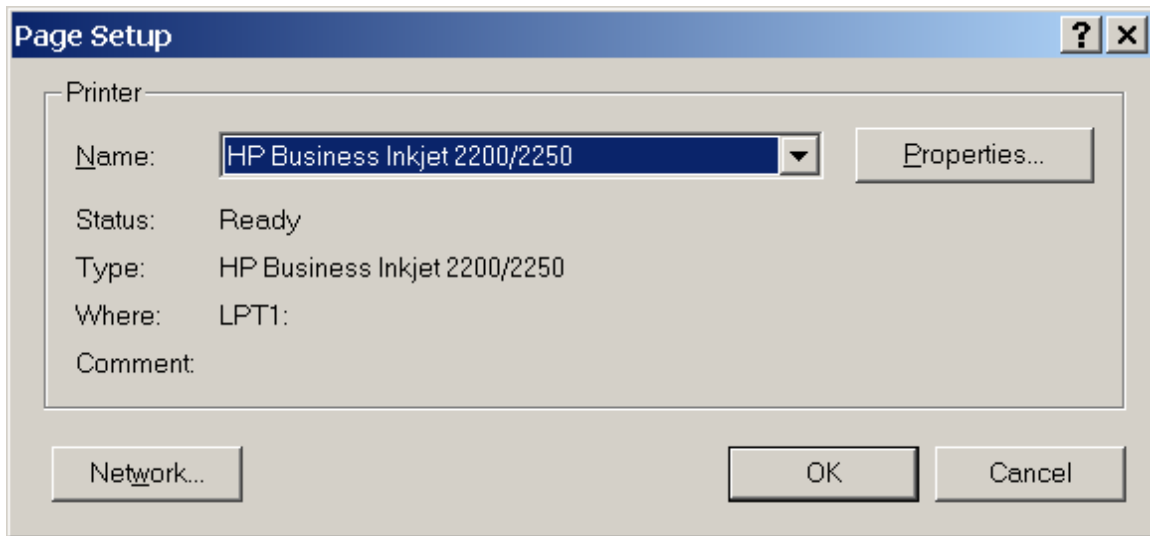
Select this option to save the CD label as a file on the computer.

Setup

Opens the printer setup for CD labels.

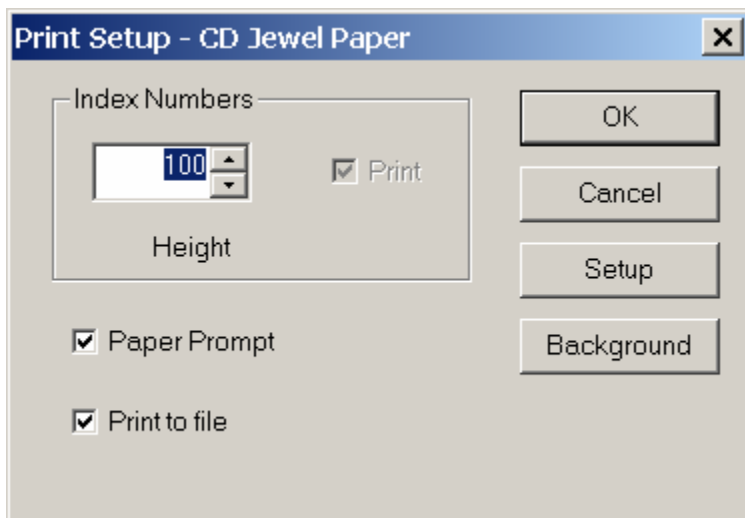


"Printer" opens the printer setup dialog box, to change the printer used for the selected output type.



CD Jewel Case Insert

IQueue will print a label with thumbnail images.



Index Numbers

Print - Prints the index number in the corner of the thumbnail.

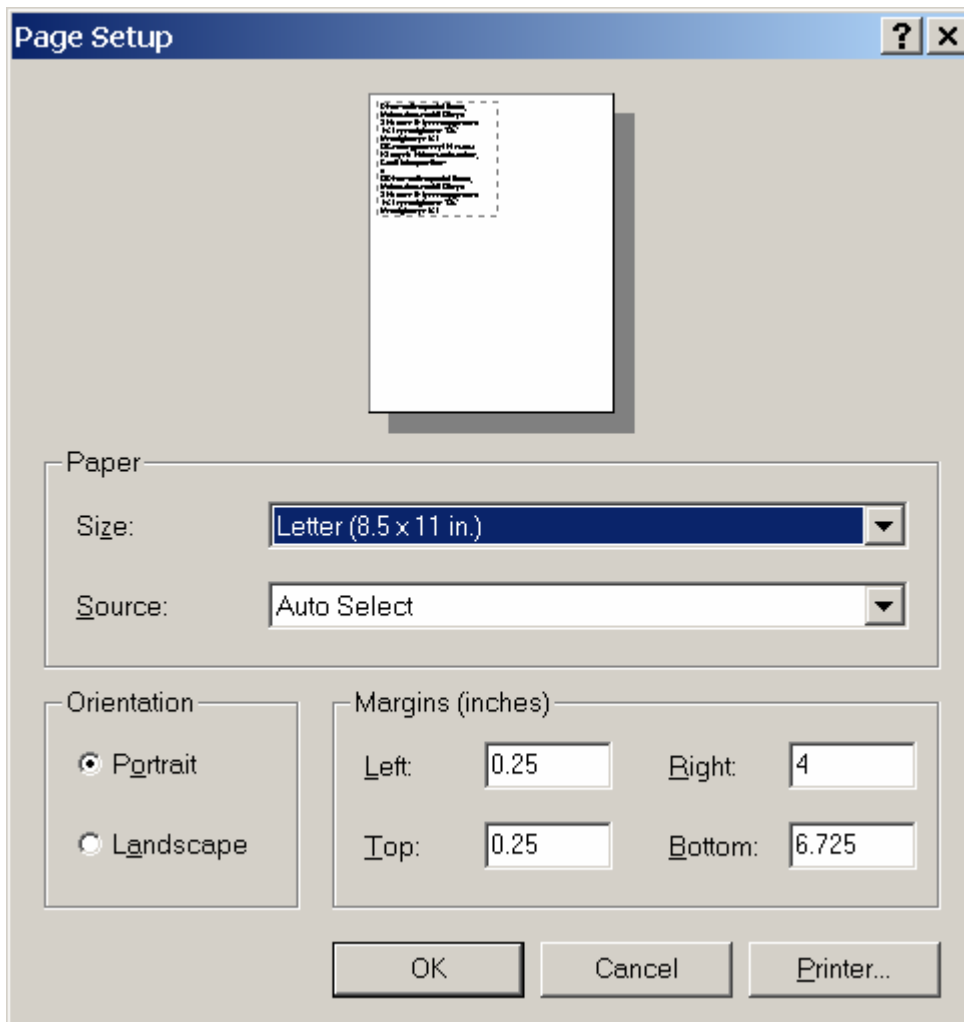
Height - Specifies the height of the index number printed on the jewel case insert.

Print to File

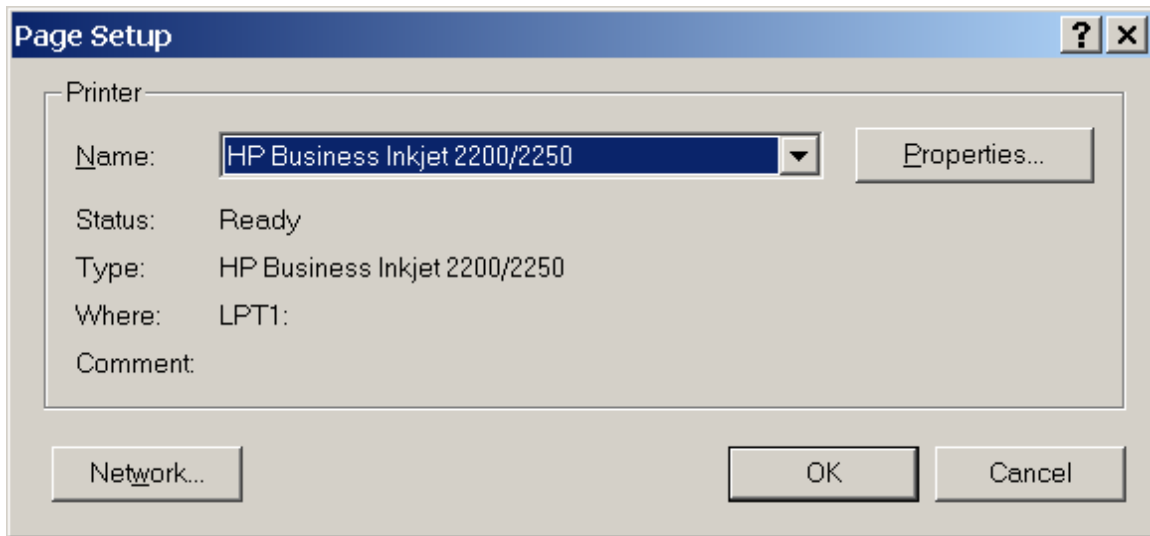
Select this option to save the CD jewel case insert as a file on the computer.

Setup

Opens the printer setup for CD labels.

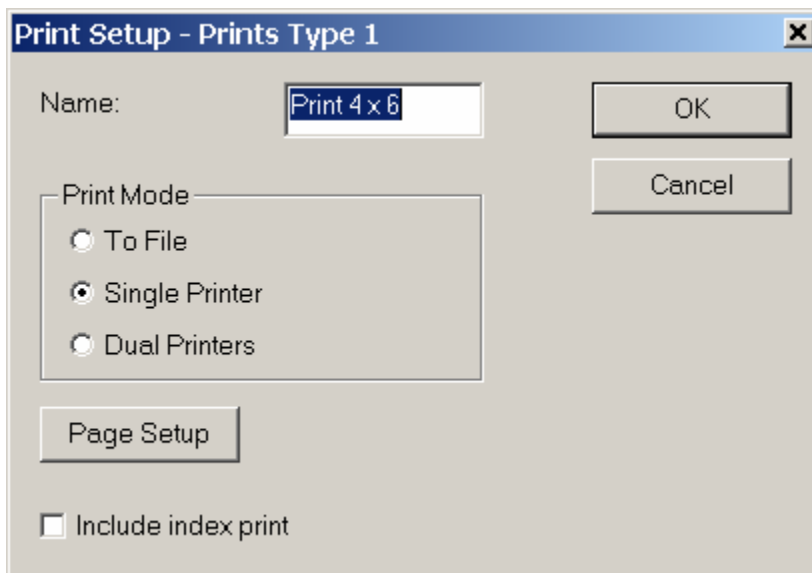


"Printer" opens the printer setup dialog box, to change the printer used for the selected output type.



Single

The setup is the same for all three single size prints.

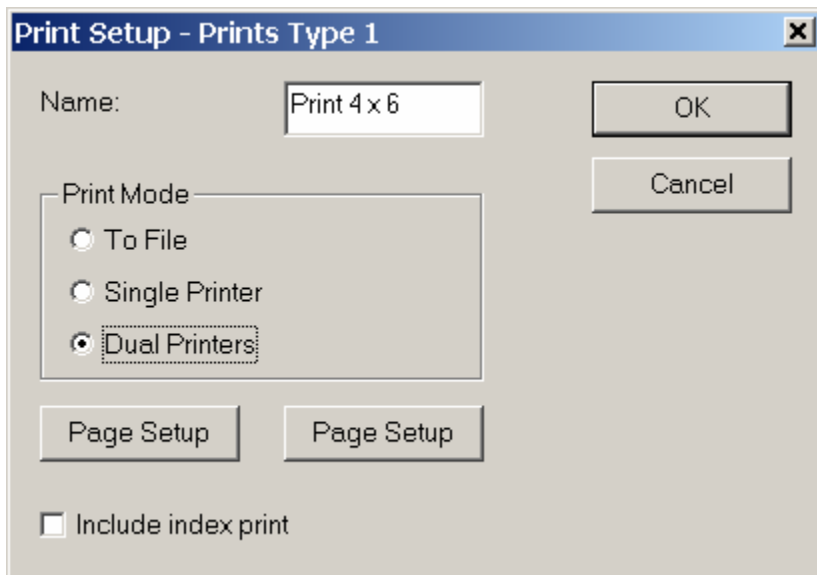


Print Mode

To File - Print this output type to a file on the computer.

Single Printer - Only one printer will be used when printing this single print.

Dual Printer - If checked, the box will change to a new view enabling a second printer for the selected print type.



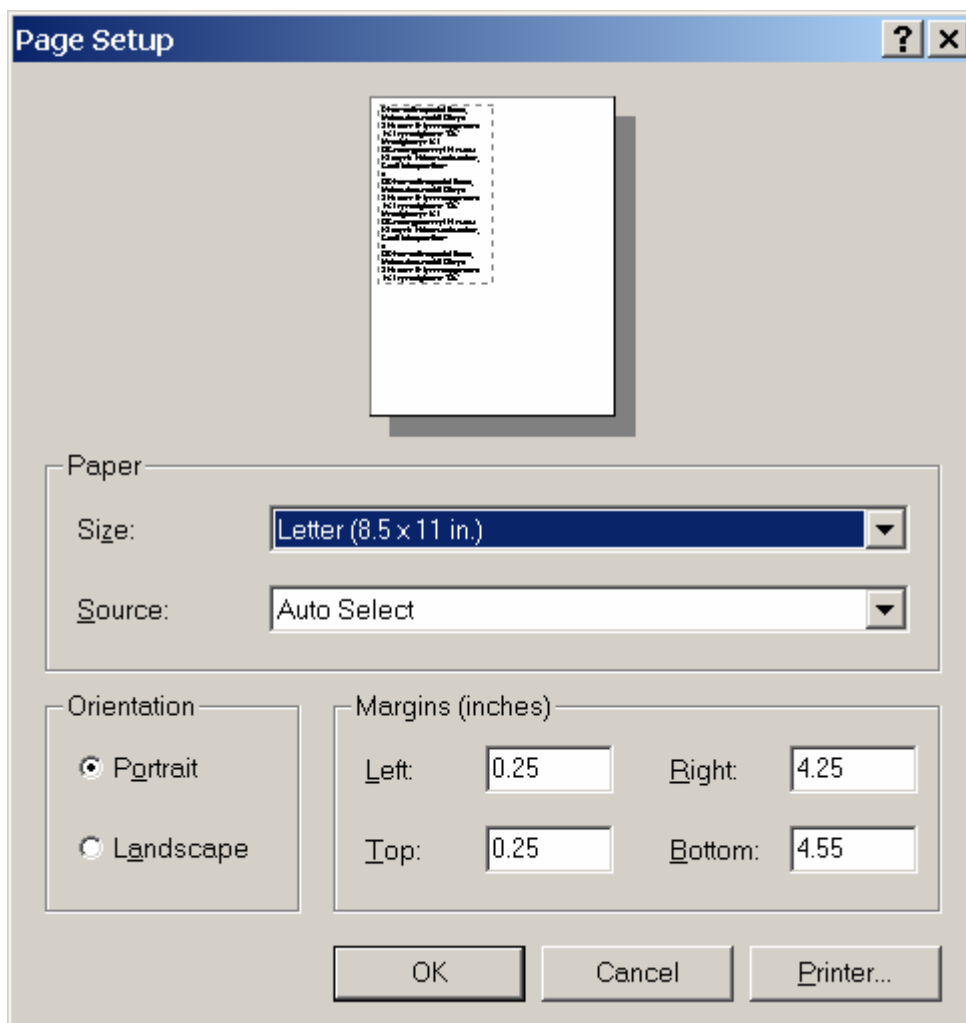
Include index print - An index print will be printed with the order. It is recommended this be used to help identify network orders or orders in labs with a high volume.

Page Setup

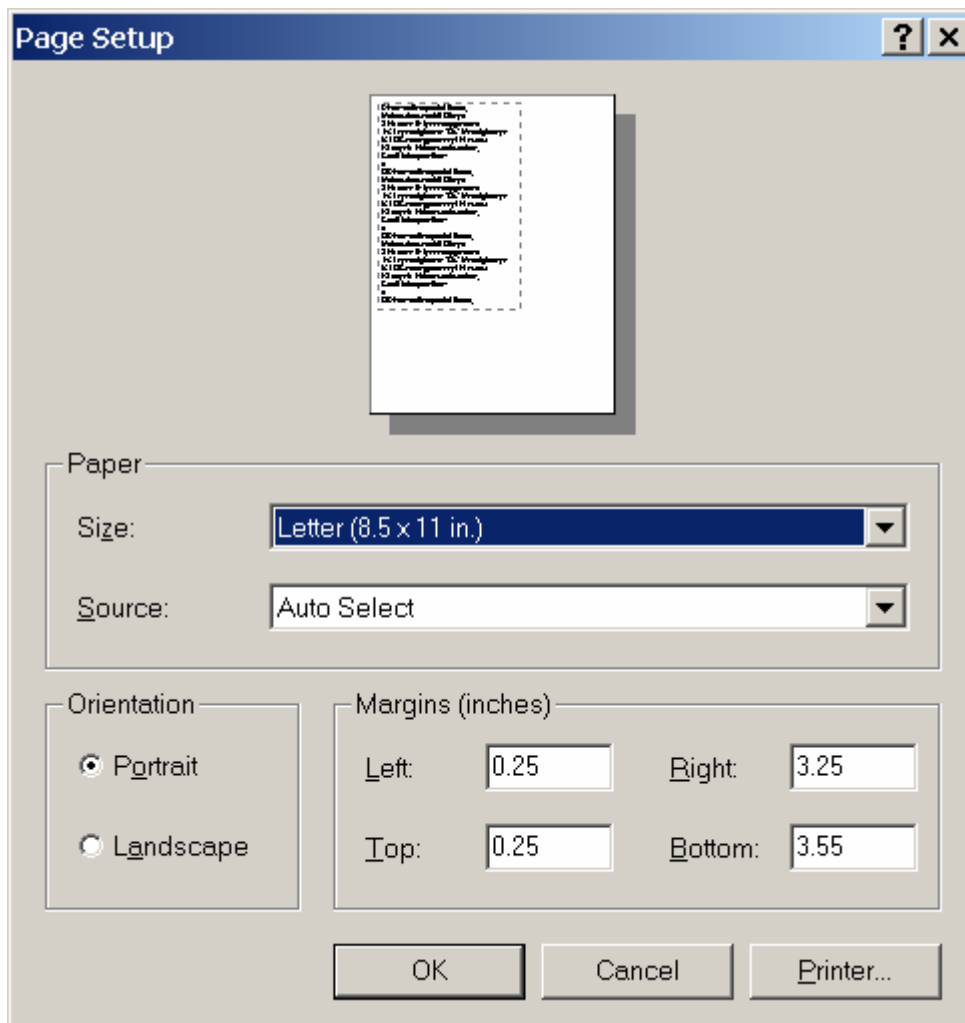
These are the recommended margin settings for the following print types. This option can be modified to output to a desired print size.

Note: When using the Kodak 6400 printer, set the margins to "0.0" rather than those shown below. This will eliminate white borders on the prints.

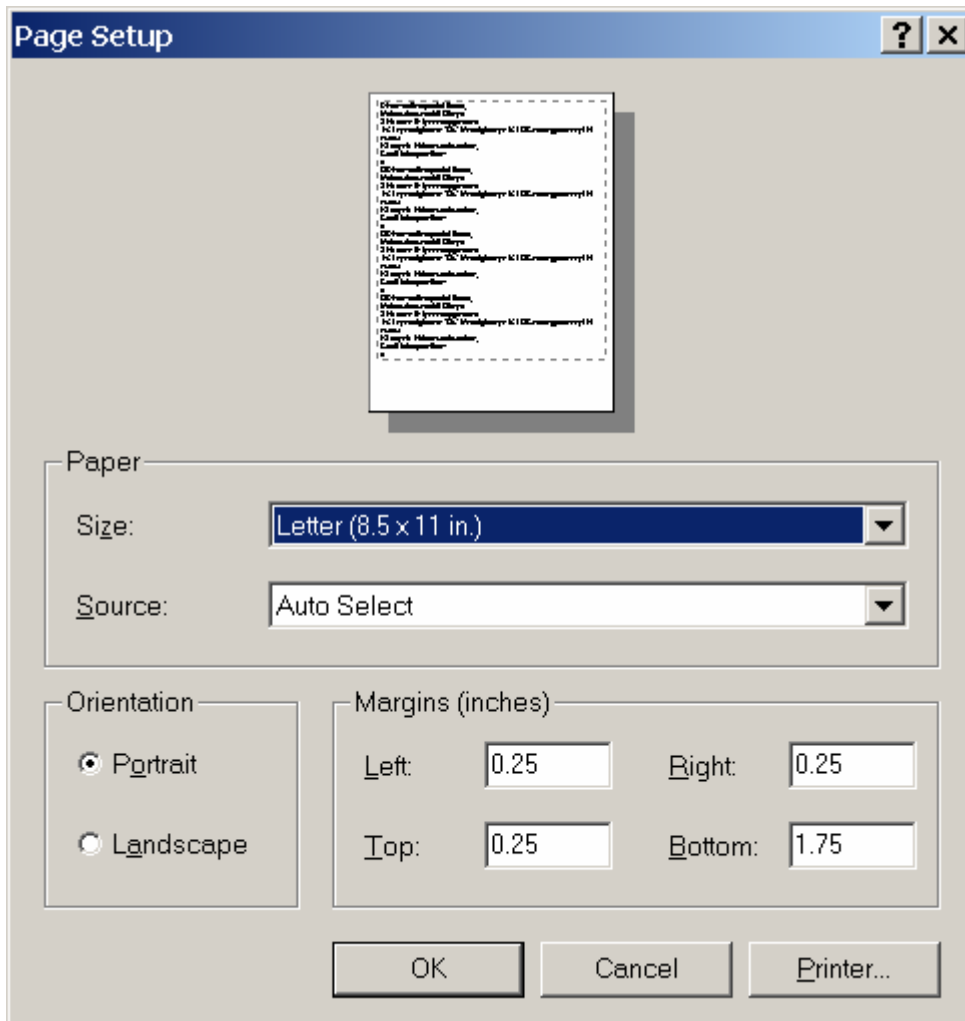
4x6



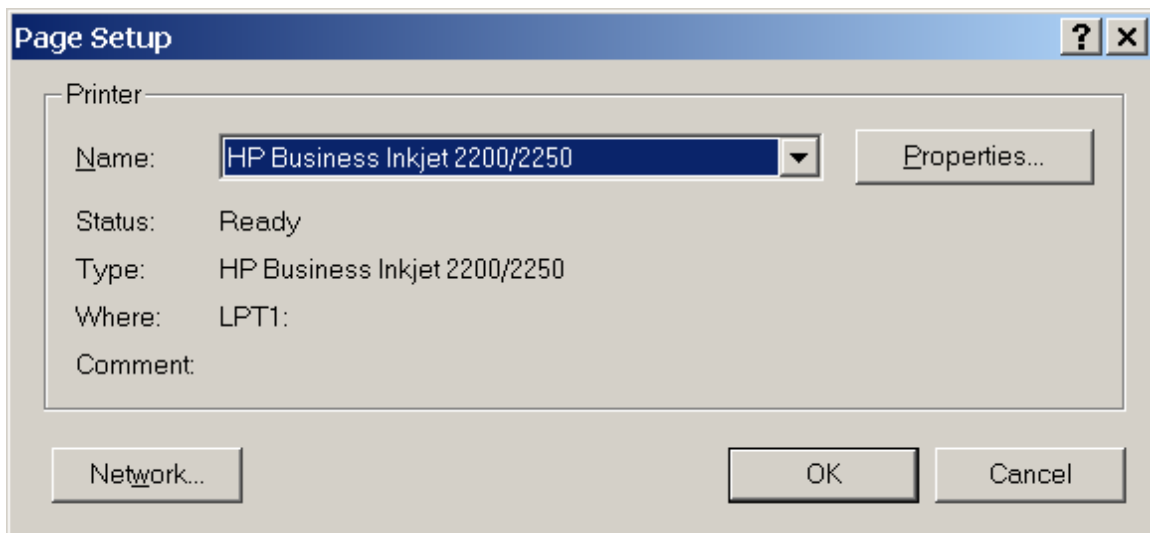
5x7



8x10



"Printer" opens the printer setup dialog box, to change the printer used for the selected output type.

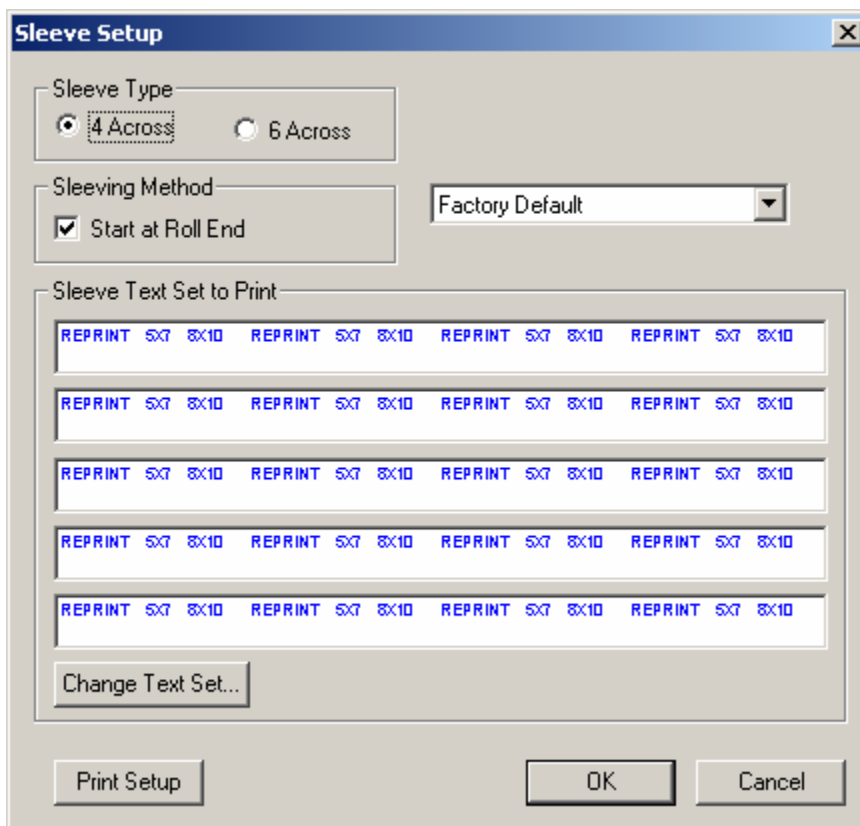


CD-ROM

If there are multiple CD-R devices installed on the system, this option allows you to select the desired drive.

Sleeve

This is the "Sleeve Setup" box.



Sleeve Type

4 Across - Four frames across sleeve, used when strips are cut into four frame strips.

6 Across - Six frames across sleeve, used when strips are cut into six frame strips.

Sleeving Method

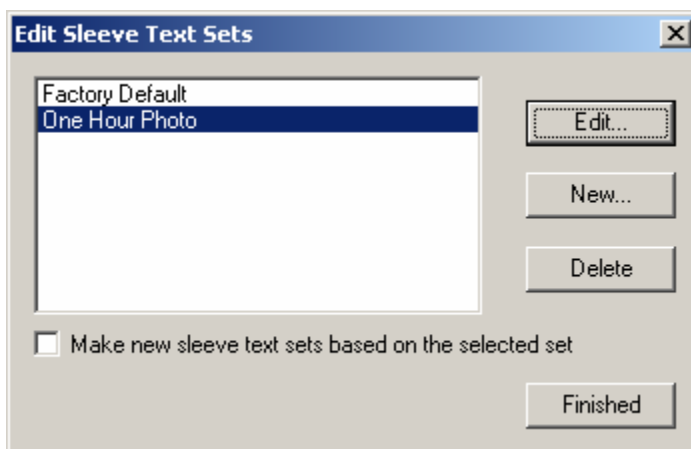
Start at Roll End - The default option. Begins last frame on bottom of sleeve.

Sleeve Text Set to Print

The text sets are customizable and can be changed.

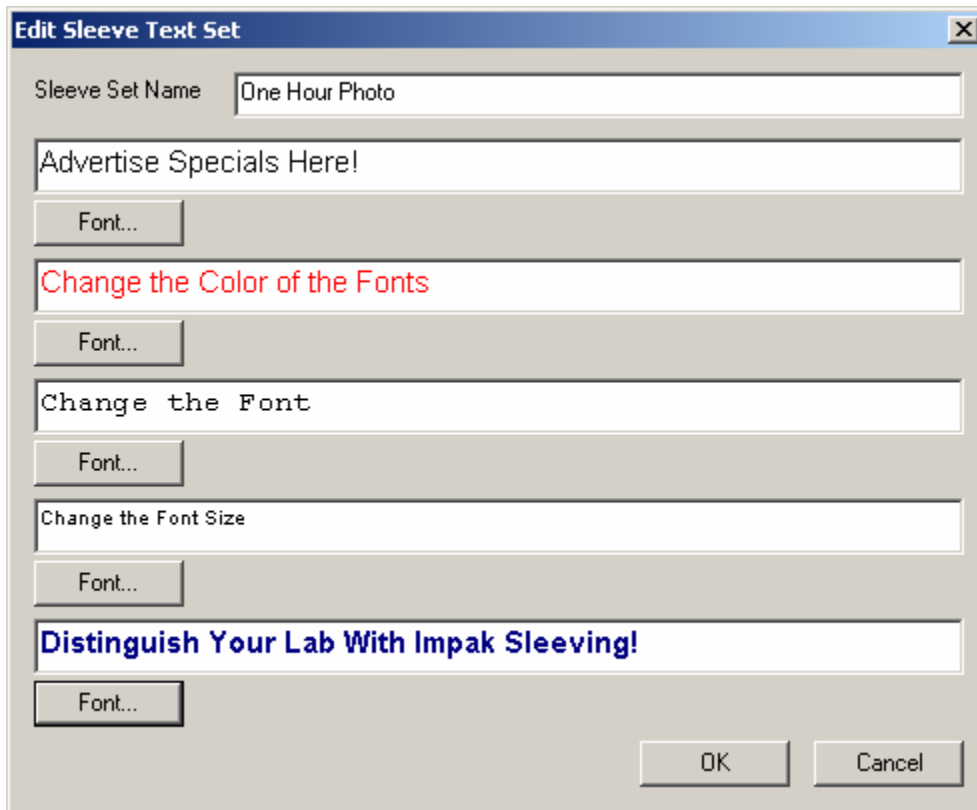
Change Text Set

This button will open the Edit Sleeve Text Sets box.

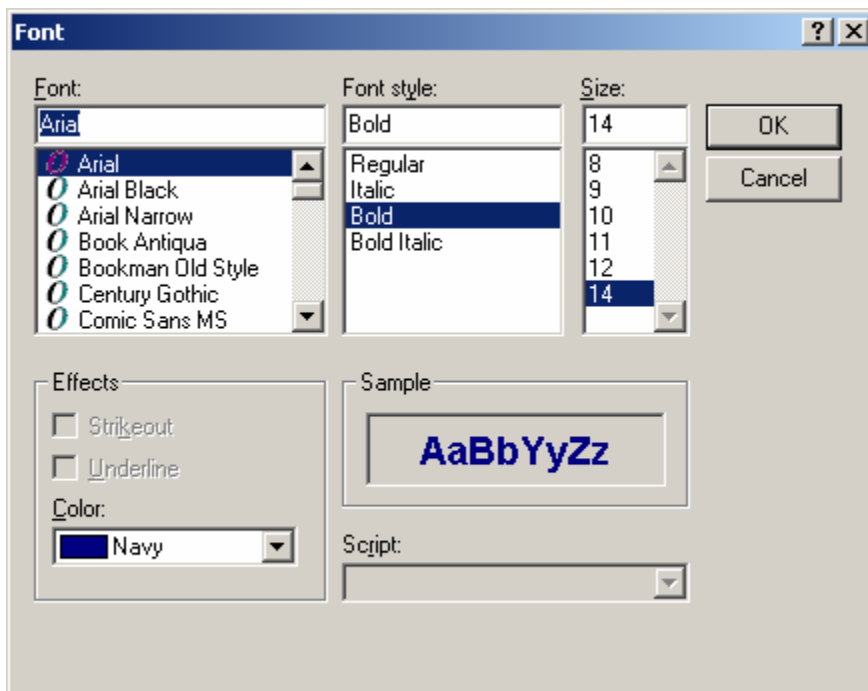


Create a new Text Set by clicking on "New."

Check the "Make new sleeve text sets based on the selected set" to modify an existing text set and save as a new set.



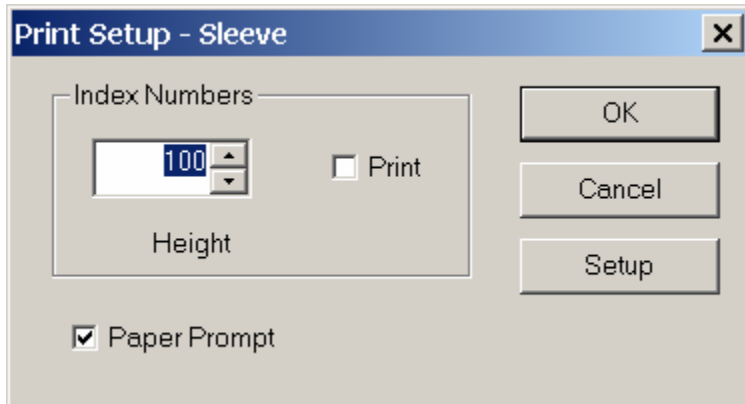
Click on "Font" for Font options.



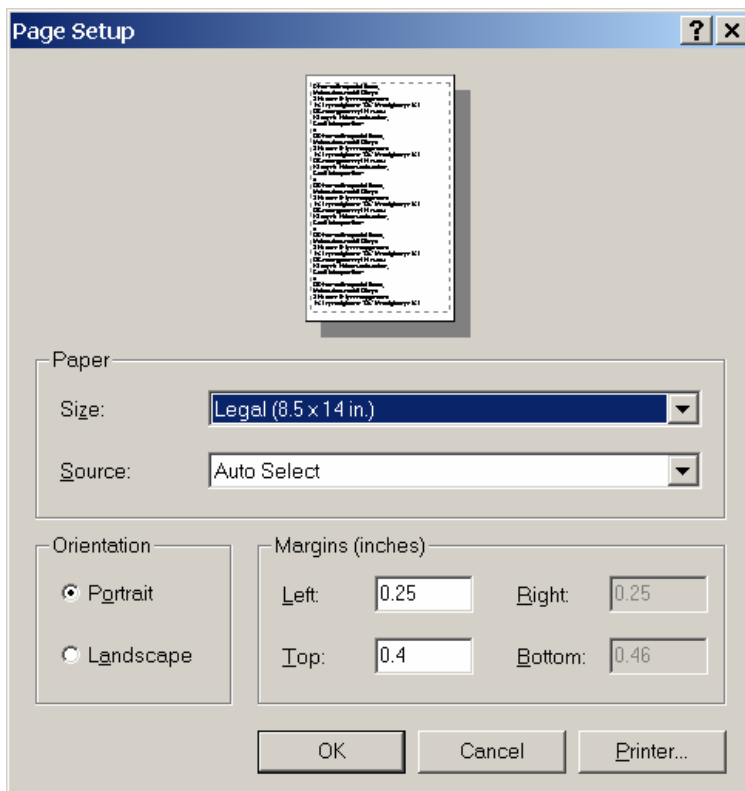
Click "OK" to save changes.

Setup

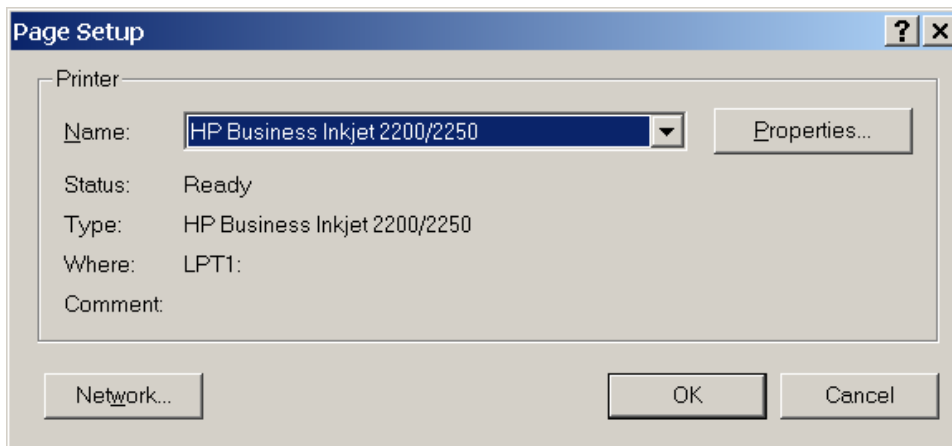
Use this to add or remove index numbers on the sleeve, and to change the size of the index number printed on the sleeve.



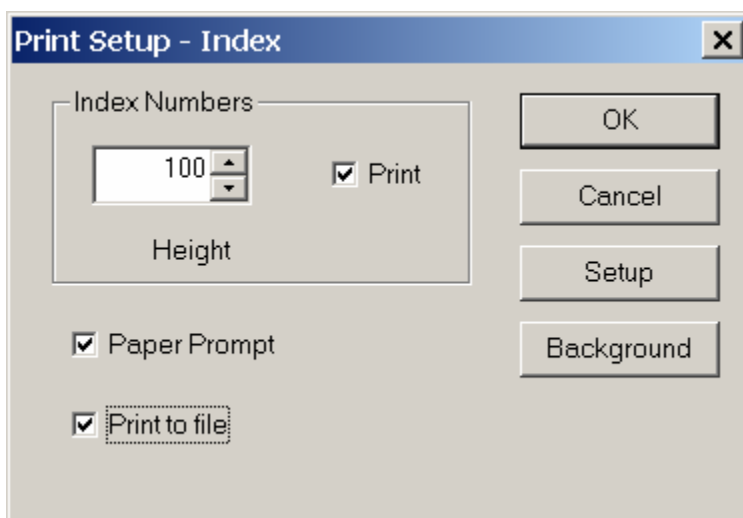
"Setup" will open the page setup dialog box, to set margins.



"Printer" opens the printer setup dialog box, to change the printer used for the selected output type.



Index



Index Numbers

Use this to add or remove index numbers on the index print, and to change the size of the index number printed on the index print.

Paper Prompt

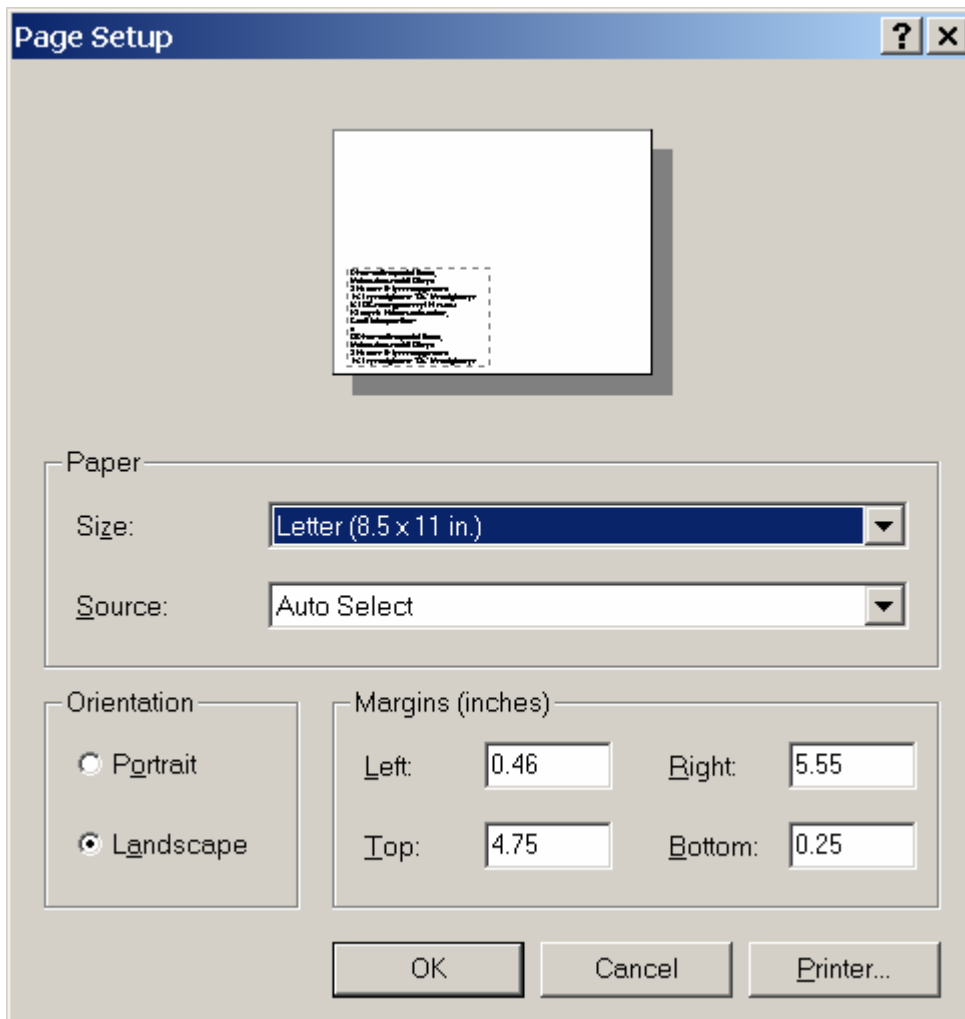
Uncheck "Paper Prompt" to avoid receiving a reminder to insert paper into the printer for index prints.

Print to File

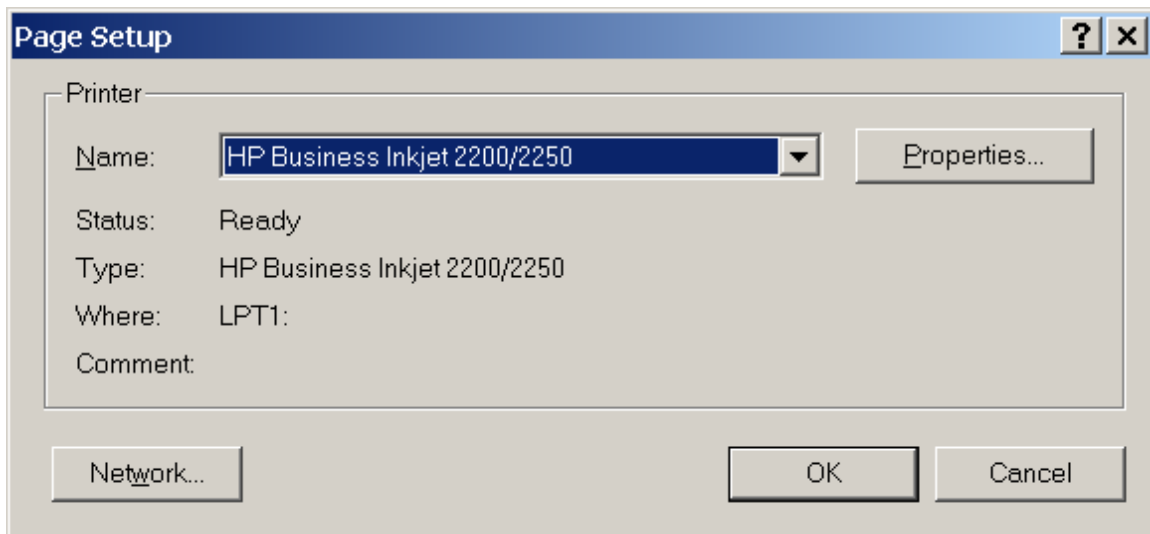
Check this box to have IQueue save the index print as a file on the computer.

Setup

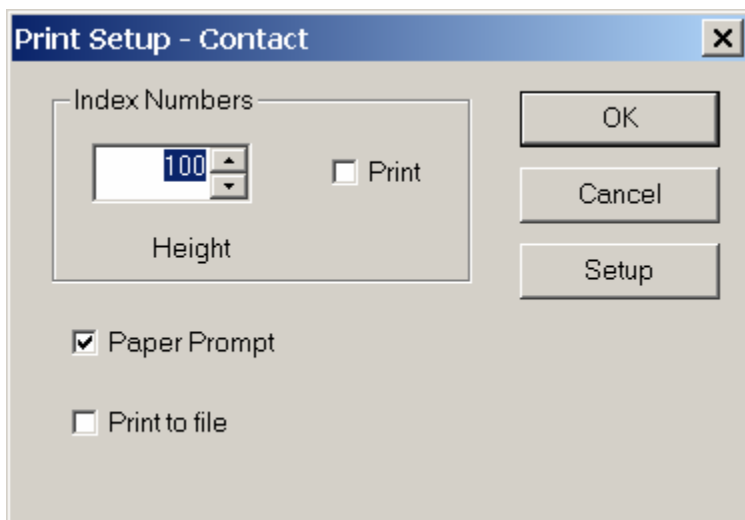
Opens the "Page Setup" dialog.



"Printer" opens the printer setup dialog box, to change the printer used for the selected output type.



Contact



Index Numbers

Use this to add or remove index numbers on the index print, and to change the size of the index number printed on the index print.

Paper Prompt

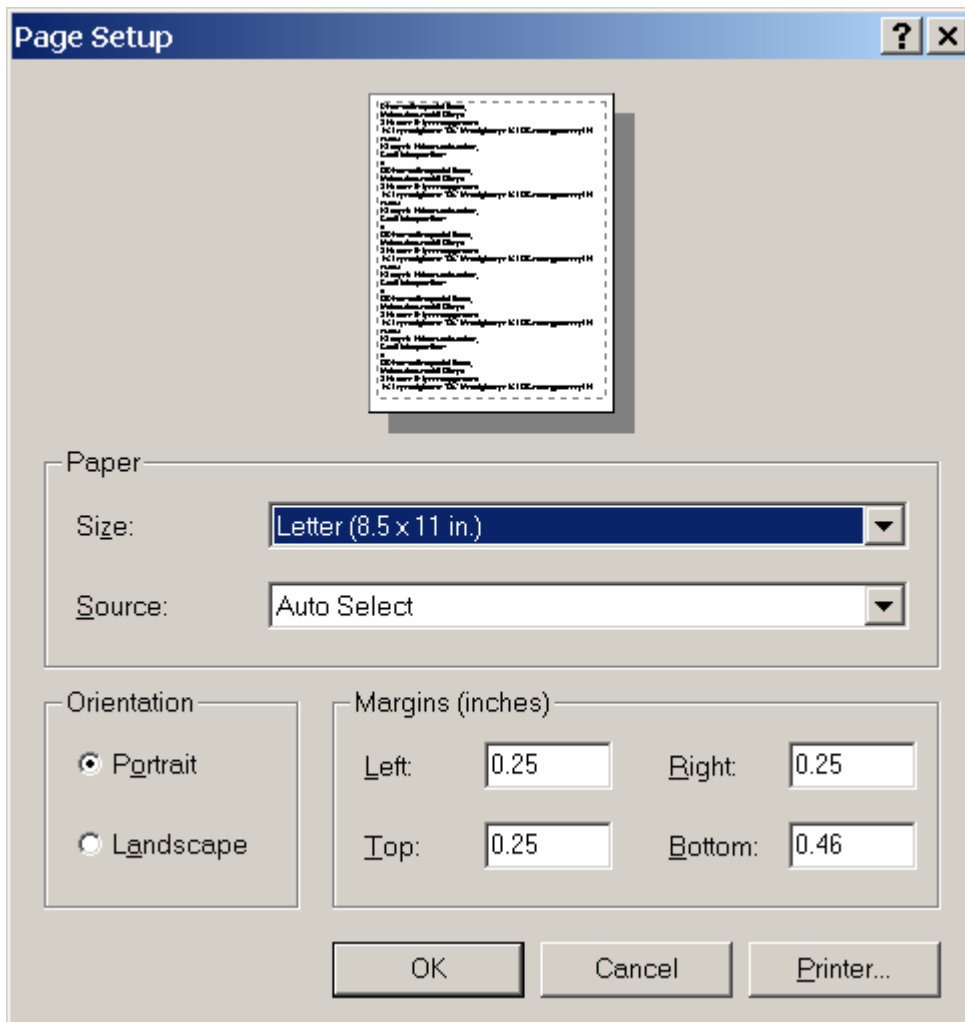
Uncheck "Paper Prompt" to avoid receiving a reminder to insert paper into the printer for index prints.

Print to File

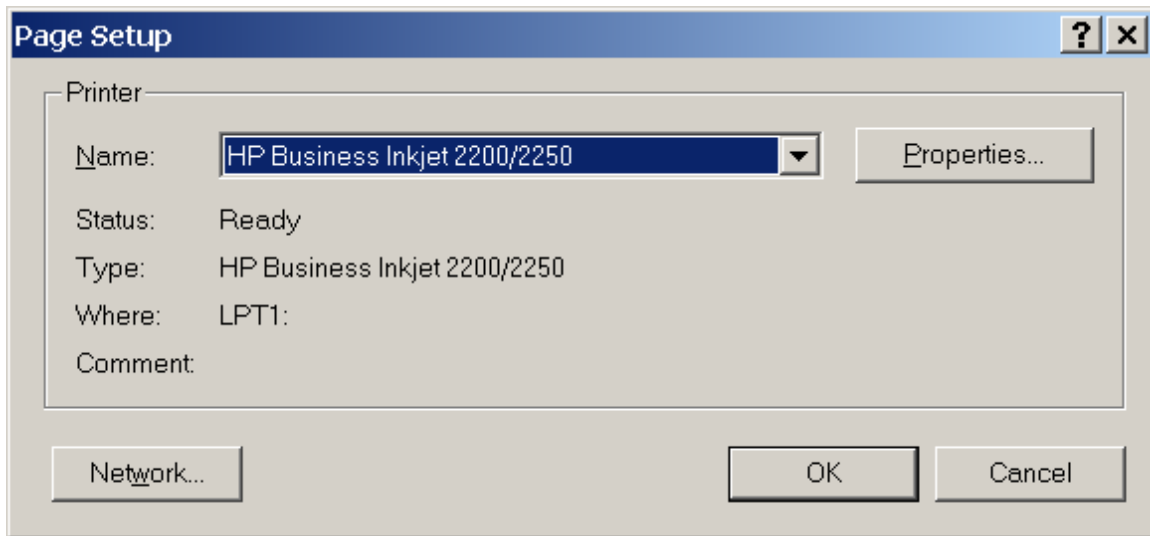
Check this option to print the contact sheet as a file on the computer.

Setup

Opens the "Page Setup" dialog.



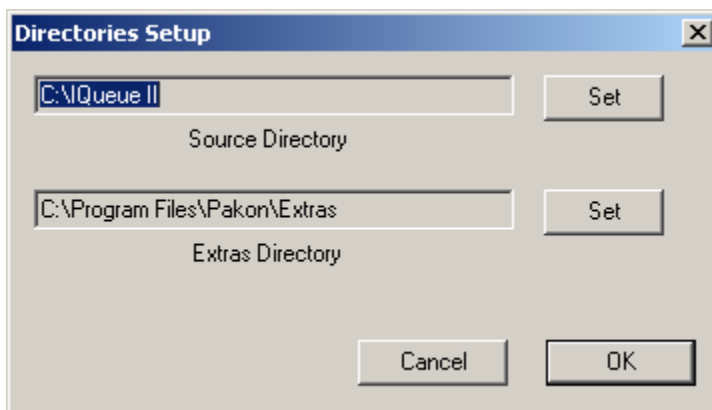
"Printer" opens the printer setup dialog box, to change the printer used for the selected output type.



Directories

Pakon does not recommend these options be changed!

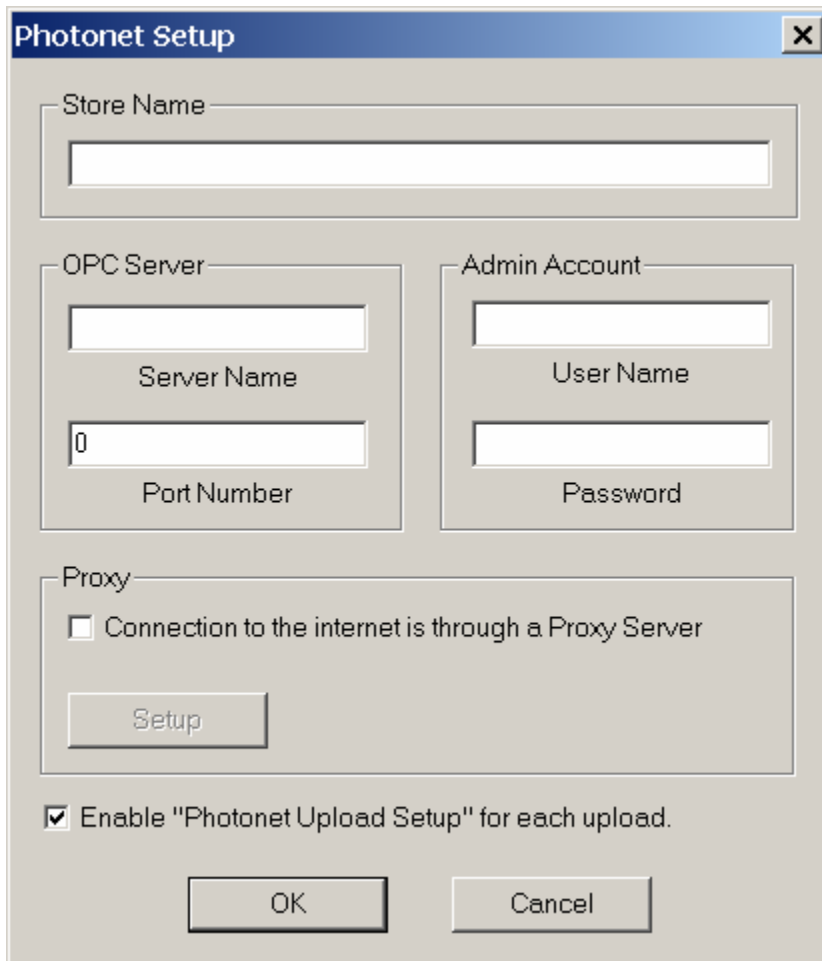
The IQueue directories path can be changed.



Click on "Set" and input the new directory path.

Internet Account Setup

Input the required information in the fields shown.



The image shows a 'Photonet Setup' dialog box with a blue title bar and a close button (X). The dialog contains several input fields and checkboxes. At the top is a 'Store Name' field. Below it are two columns of fields: 'OPC Server' with 'Server Name' and 'Port Number' (containing '0'), and 'Admin Account' with 'User Name' and 'Password'. A 'Proxy' section has a checkbox for 'Connection to the internet is through a Proxy Server' and a 'Setup' button. At the bottom is a checked checkbox for 'Enable "Photonet Upload Setup" for each upload.' and 'OK' and 'Cancel' buttons.

Photonet Setup

Store Name

OPC Server

Server Name

Port Number

Admin Account

User Name

Password

Proxy

☐ Connection to the internet is through a Proxy Server

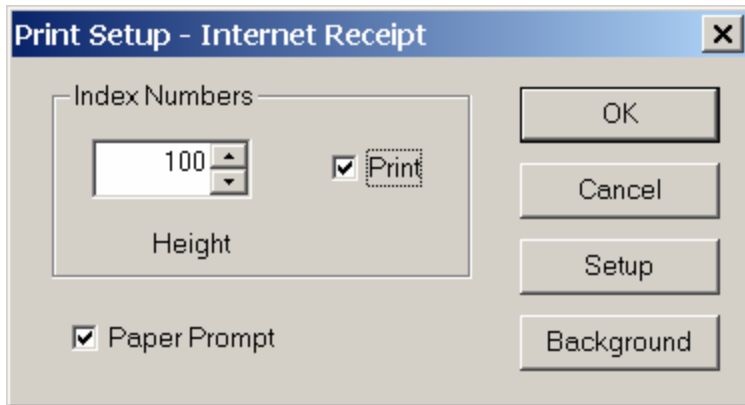
Setup

☒ Enable "Photonet Upload Setup" for each upload.

OK Cancel

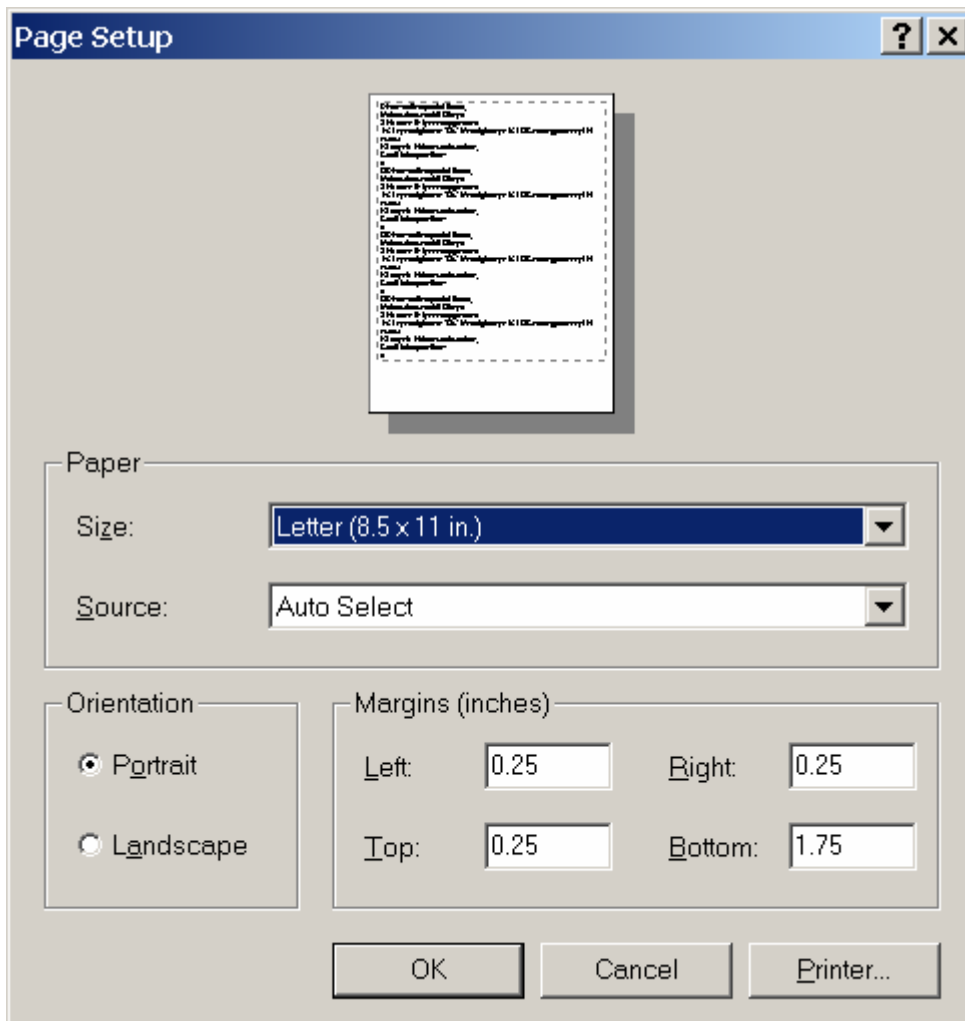
Internet Receipt

An Internet upload receipt can be printed to supplied to the customer.



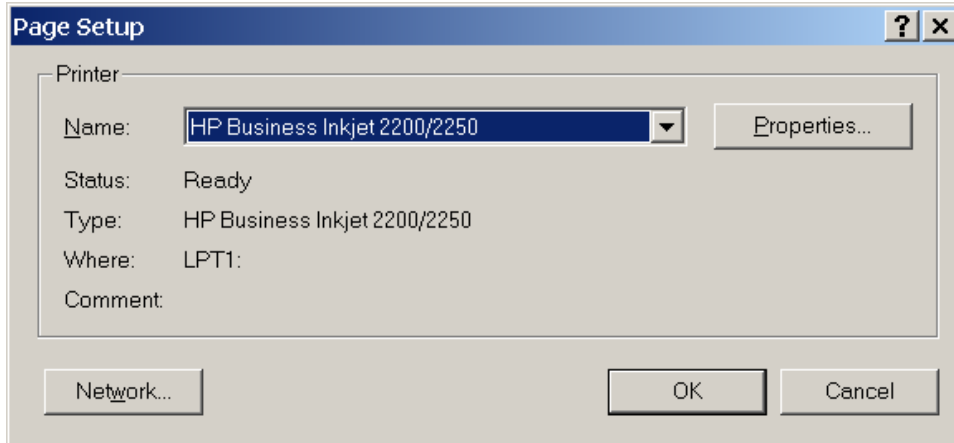
Setup

Opens the page setup for margin and paper settings.



Printer

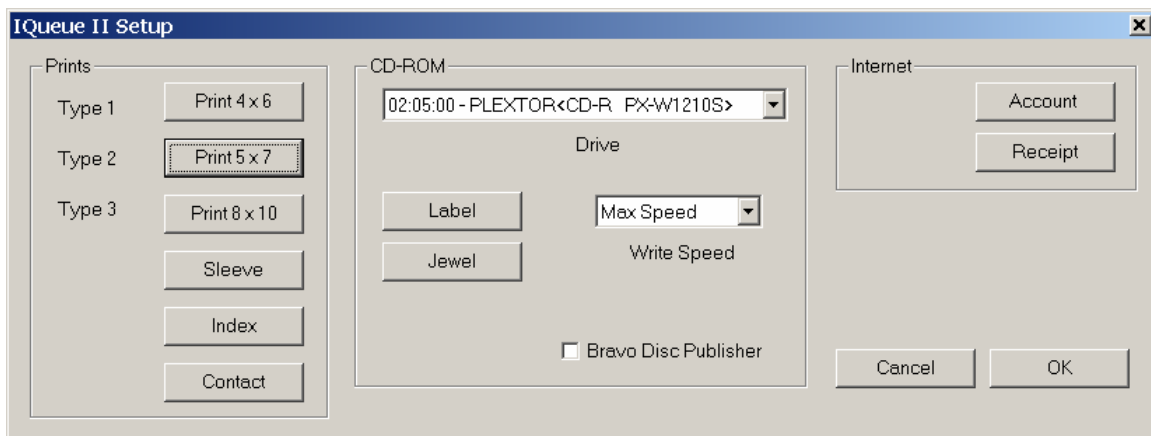
Opens the printer setup for Internet receipts.



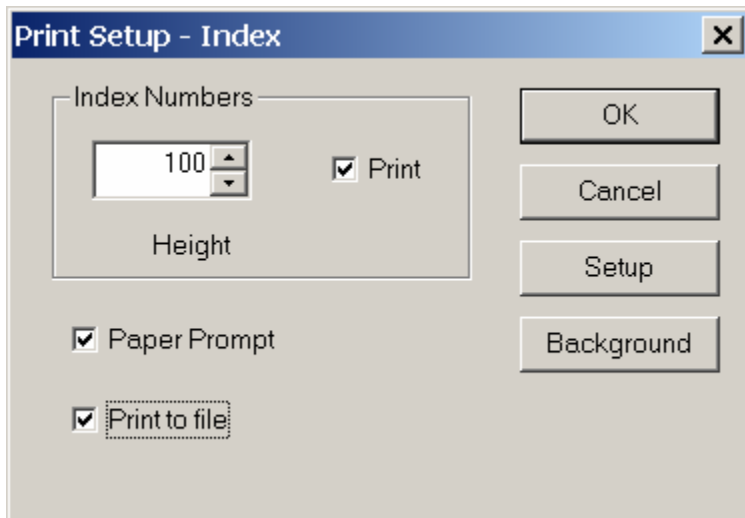
Print to File

The following printed media may be "printed to file" using the IQueue II interface. For example, to print an index print 'to file' this is how to do it:

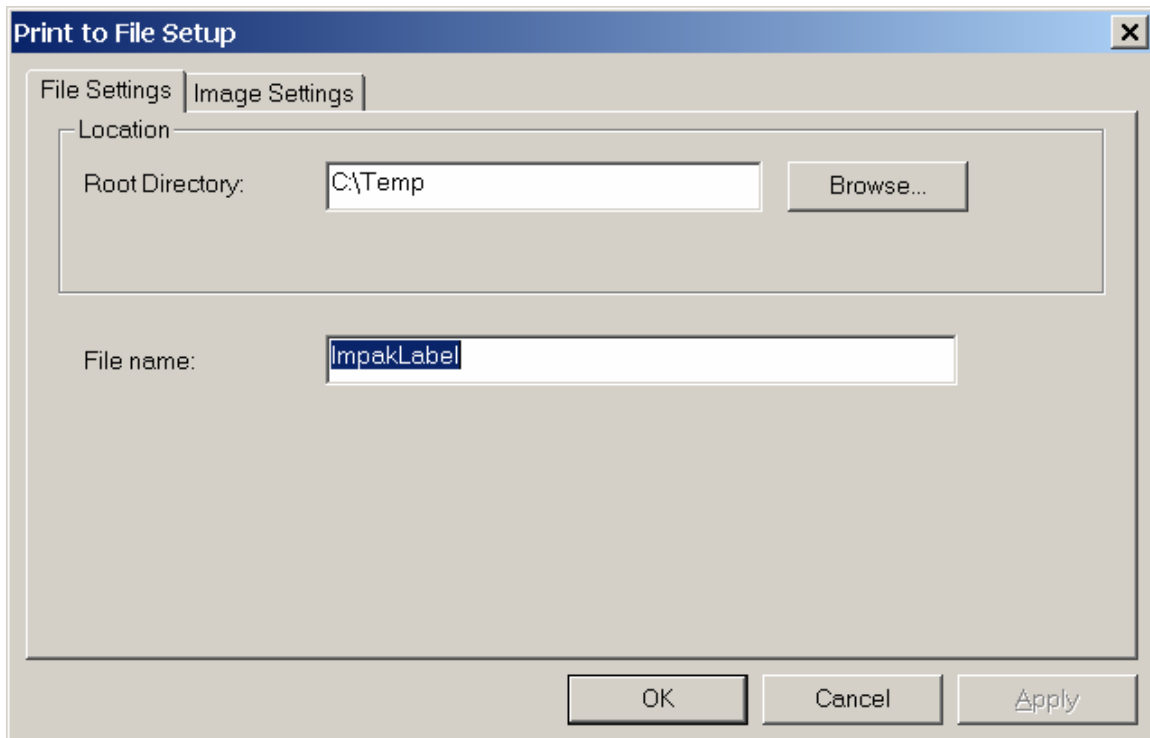
From the IQueue II menu, click on "Index."



Click on the "Print to File" box to enable the option.



To set the "Print to File" options, click on "Setup."



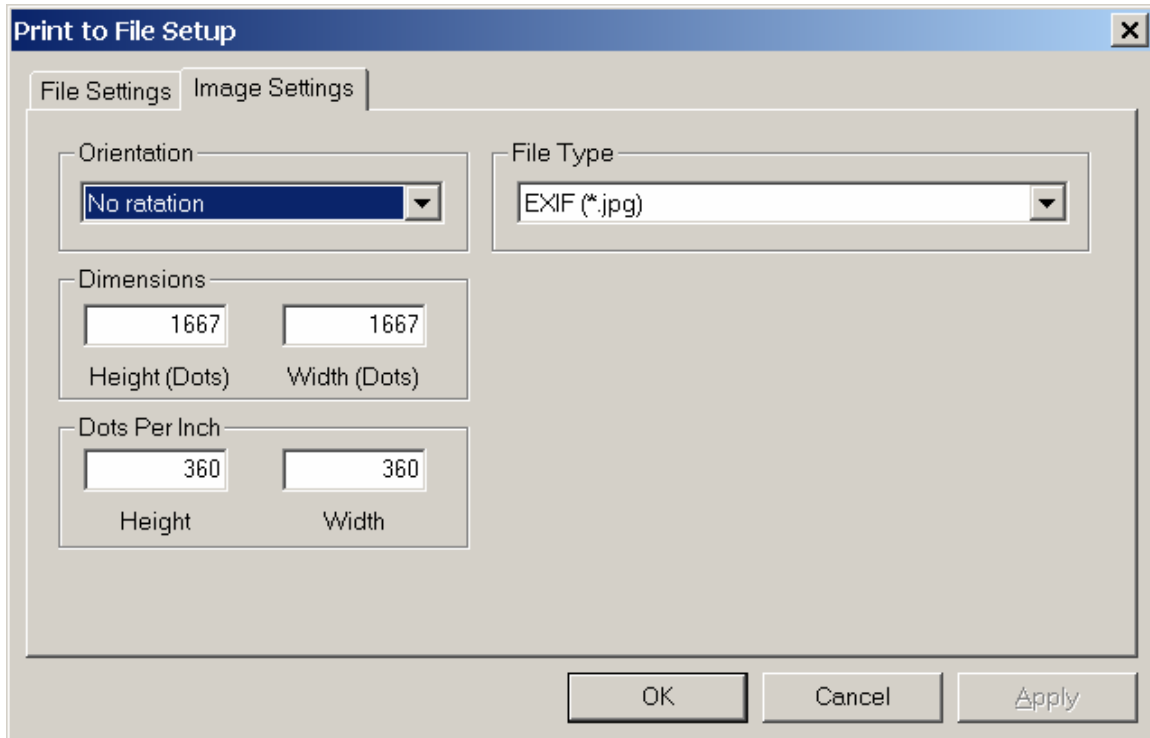
Location

Set the directory where the file will be saved. In the above example, this is "C:\temp".

Filename

Set the name of the file to be created on the computer. In the above example, this is "ImpakLabel". You can include the key word "ROLLID" in the file name. "ROLLID" will be replaced with the actual roll ID number of the first roll of the order.

Image Settings



Orientation

Rotate the image in the desired direction.

Rotate 180°

Rotate 90° Left

Rotate 90° Right

Dimensions

Select the output size in dots.

Dots Per Inch

Select the dots per inch for the file to be saved at.

File Type

PSI

Select the desired file type.

Available file types include:

Bitmap

JPEG

TIFF

EXIF JPEG

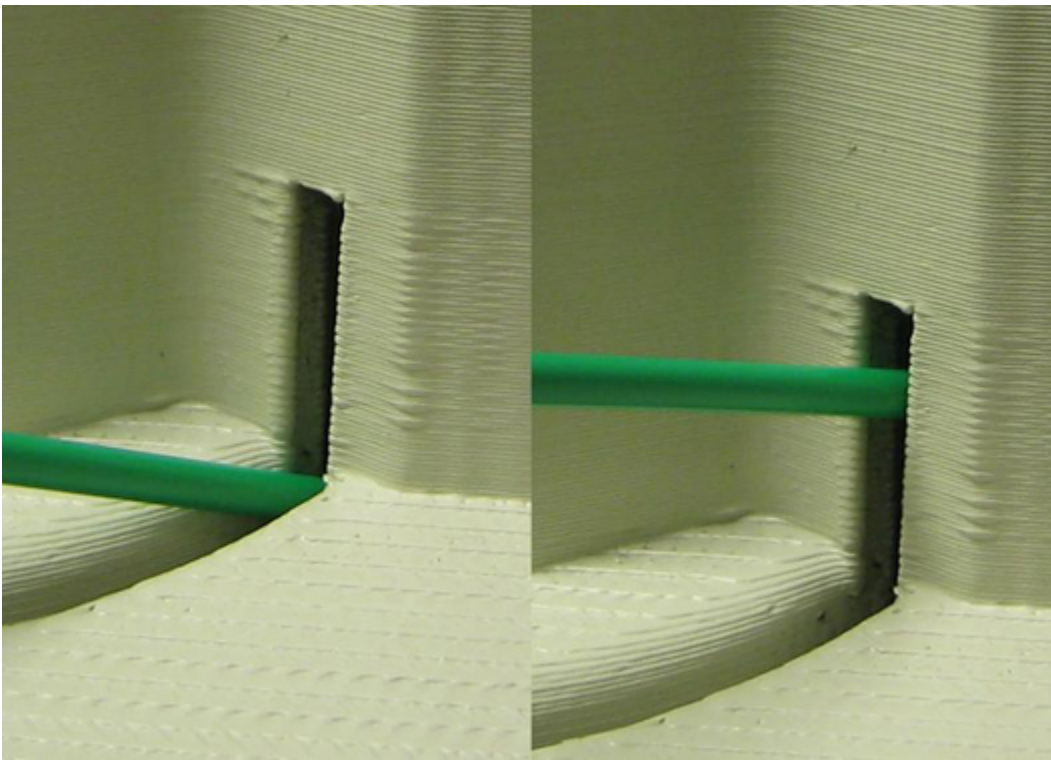
Required Maintenance

F-135

Cleaning the Film Track

It is recommended to clean the film track every two weeks, along with the illumination cleaning. Keeping the film track clean will ensure that DX code reading remains reliable. It will also maintain the proper motor speed for each resolution. We recommend ensuring the film is clean before putting it into the scanner.

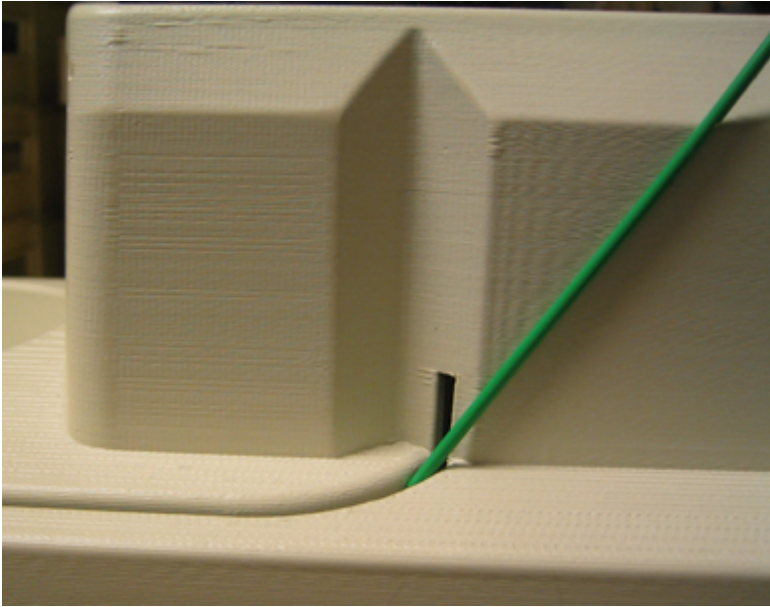
- 1.) Position the tip of the compressed air hose in the film track entrance, and blow, moving the hose up and down while blowing inside.



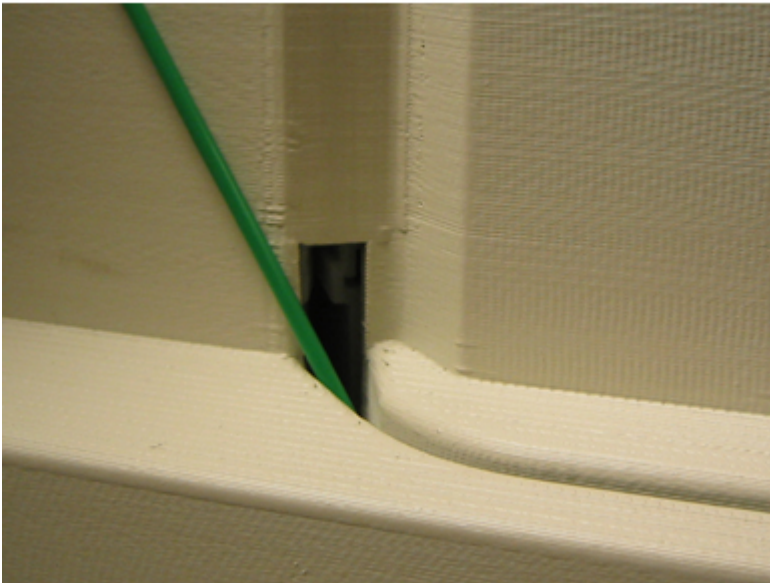
- 2.) Follow the cleaning instructions for Cleaning the Scanner Cover.
- 3.) After cleaning the film track, run the Film Track Test.

Cleaning the Scanner Cover

- 1.) Aim the hose of a can of compressed air into the film path, blowing the air away from the film entrance.



2.) On the film exit side, blow the air away from the film exit.



F-235 and F-335

Operator Service

There are four primary operator service needs for the F-235 and F-335 scanners. These include:

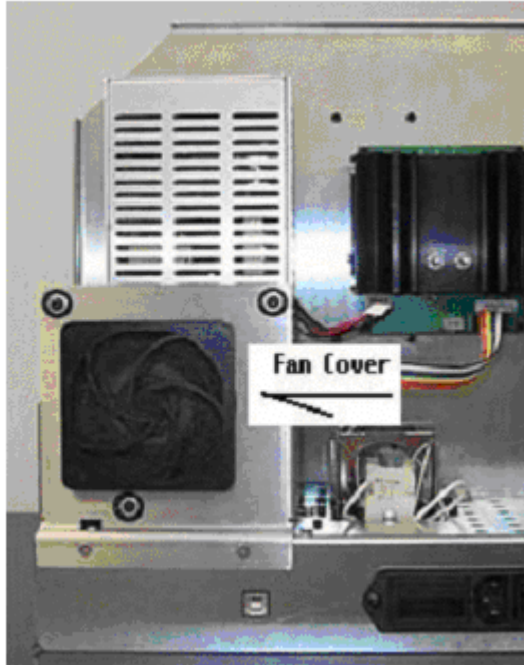
Dust Cleaning of Illumination

Dust Cleaning of Film Track
Light Bulb Replacement
Fan Filter Maintenance

Warning: These procedures require the operator to remove up to two of the three covers on the scanner. Do not attempt to operate the scanner without these covers properly in place!

Fan Filter Maintenance

1. Close scanner software.
 2. Turn off the scanner.
 3. Disconnect USB and power cables.
 4. Gently remove side cover by pulling on it. It should snap off.
 5. Gently remove back cover by pulling on it. It too, should snap off.
- Be Careful not to touch anything other than the fan and filter assembly. Many pieces on the back of the scanner will be hot to the touch, and are to be avoided.
6. Locate the Fan filter (123816). It is located on the back of the scanner, just under the plastic fan cover.



7. Pull straight back on the plastic fan cover until it comes free from the scanner housing.



8. Remove the filter from inside the cover, and replace.

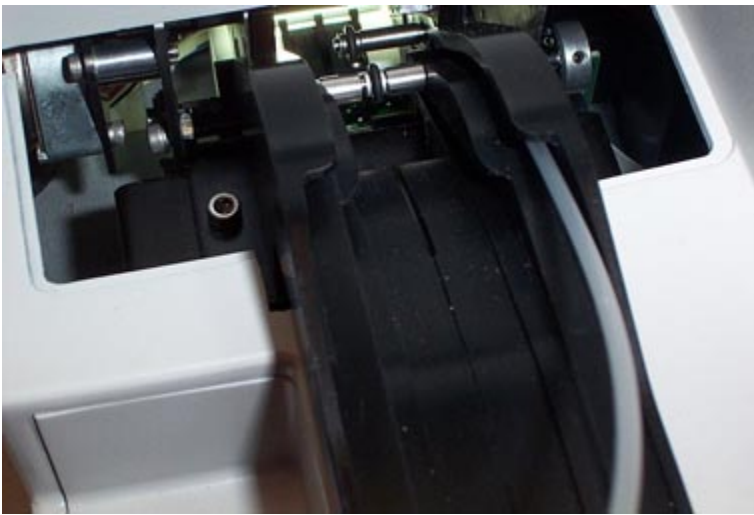


9. Re-attach the fan cover by applying moderate pressure to each of the four sides, until it snaps back in to place.

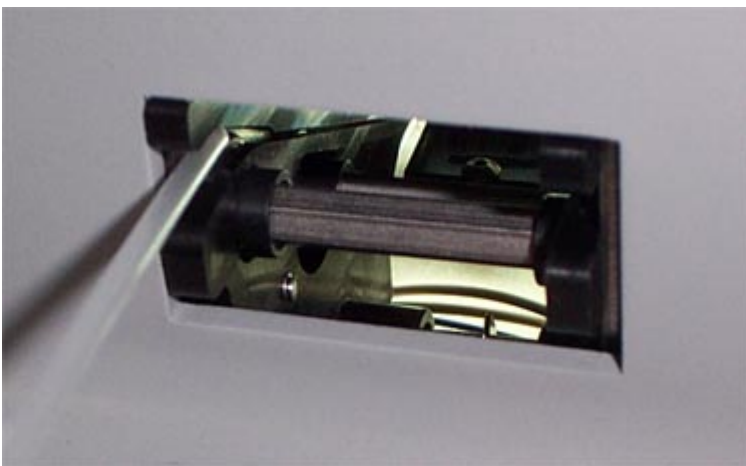
Dust Cleaning of Film Track

It is recommended to clean the film track every two weeks, along with the illumination cleaning. Keeping the film track clean will ensure that DX code reading remains reliable. It will also maintain the proper motor speed for each resolution.

- 1.) Remove the film path cover.
- 2.) Position the tip of the compressed air hose on both sides of the film track entrance, and blow.



- 3.) Position the tip of the compressed air hose on both sides of the film track exit, and blow.



- 4.) After cleaning the film track, run the 'Film Track Test' in PSI.

5.) Scan a roll of film to verify that DX codes are being read properly.

Dust Cleaning of Illumination

The F-235 is a precision optical device. A relatively smoke and dust free environment is necessary. The scanner must be cleaned periodically to remove large collections of dust or debris inside the scanner, on the illumination. Software is designed to compensate for smaller collections of dust or debris, but cleaning may be required.

If cleaning is required, follow each step by a verification process to determine if the cleaning was effective. If the verification determines that level of cleaning was ineffective, the next level is required.

1. Simple cleaning with compressed air and or lens brushes.
2. Cleaning with rubbing alcohol and a cotton swab.
3. Service.

Cleaning the Illumination with Compressed Air

1. Turn off the scanner.
2. Disconnect the USB and power cables.
3. Gently remove the side panel of scanner, by pulling back on it. It should snap out of place.



Do not touch anything inside the scanner while the power is on. The cover is only off to allow dust and debris to be blown out of the scanner.

Connect power to the scanner.

5. Turn the scanner on.

6. Remove the small film entrance cover.



7. Aim the hose of a can of compressed air into the film path--aiming for the clear piece of glass in the middle.

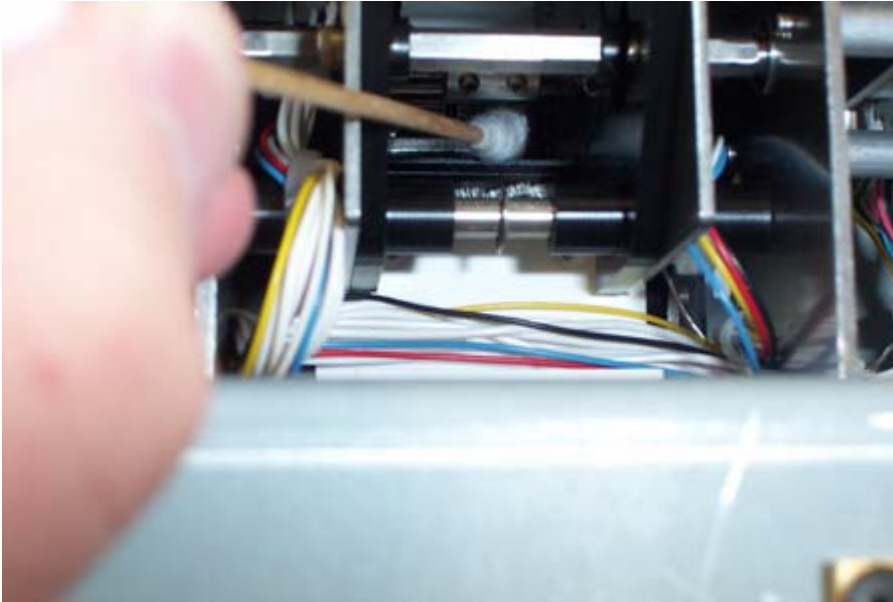


8. It may be beneficial to insert a strip of film into the scanner before blowing it out. This will focus all the air onto the light transfer bar, and should dislodge any dust or debris.
9. When finished, put the film path cover back in place.
Turn off the scanner immediately when finished cleaning the scanner!
10. Turn off the scanner and unplug the power cable.
11. Replace the side cover by snapping into place.
12. Plug in the USB and power cables.

Cleaning Illumination with Cotton Swab

CAUTION--Be Careful not to scratch or damage the top of the glass light bar!

1. Turn off the scanner.
2. Disconnect the USB and power cables.
3. Gently remove the side cover.
4. Using a long cotton swab, dabbed in isopropyl alcohol, clean the illumination bar inside the film track assembly.
5. The illumination bar is a small piece of glass, sitting upright.



6. After cleaning the illumination bar, replace side cover and turn on.

Light Bulb Replacement (F-235 Only)

The light bulb will have a nominal life of 100 working days or longer, depending on certain variables. This number is based on the following assumptions:

- 6 working days per week
- 10hours per day

Changing the light bulb does not require any special tools.

Replacing the Scanner Light Bulb

CAUTION: The lamp may be hot. Allow the bulb to cool before attempting to replace it.

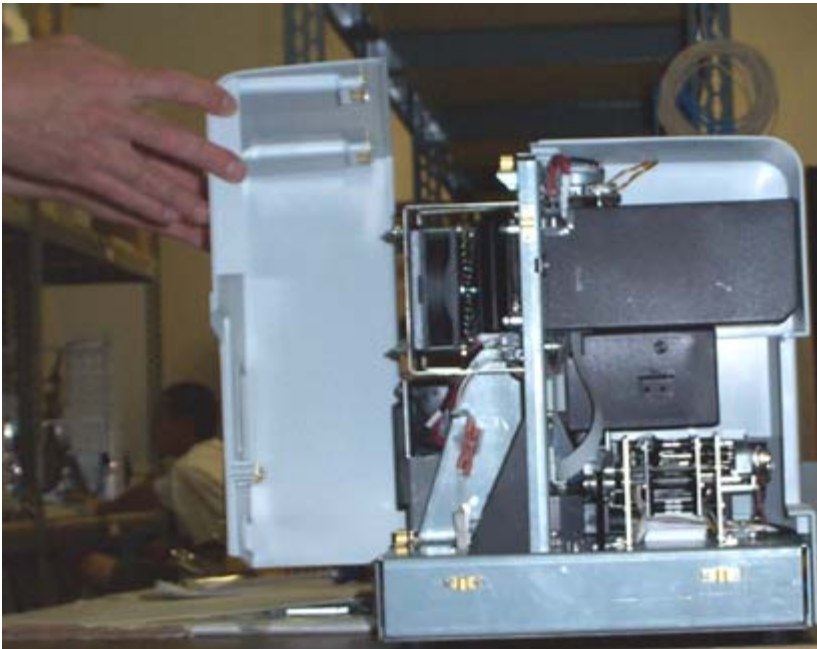
Use gloves when replacing the scanner light bulb. Fingerprints can damage the light bulb.

- 1. Close all scanning software.**
- 2. Turn off the scanner.**
- 3. Disconnect the USB and power cables.**

4. Gently remove the side cover by pulling on it. It should snap out of place.



5. Gently pull off the back cover. It should snap off much like the side cover.

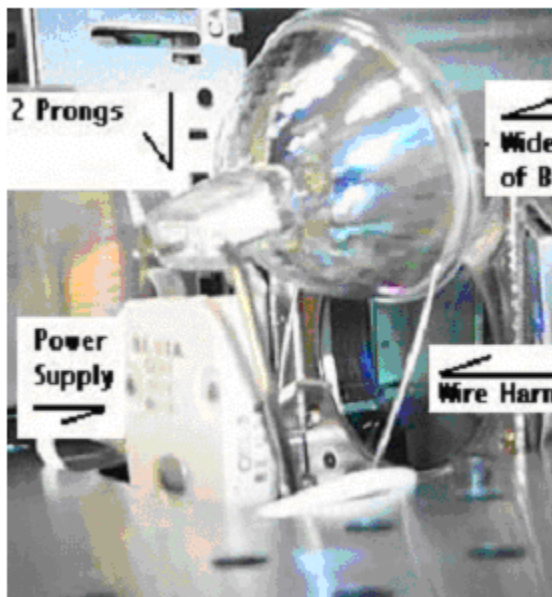


6. Locate the small lever, just to the back of the bulb.



Gloves must be worn to ensure the bulb is not damaged by dirt or skin oils.

7. With one hand, gently pull the lever towards the back of the scanner.
8. As the lever is pulled, the bulb will be pushed up, and partially out of its wire harness.
9. Once the bulb has been pushed up far enough, use your other hand to gently remove the bulb from the harness and lower the lever back into position.
10. Orient the new light bulb so that the largest, or widest part of the bell shape is facing the front of the scanner. And place the smaller end with the prongs, facing the back.
11. Rest the wide end of the bulb on the top edge of the wire harness, do not push or force it downward.
12. Spin or rotate the bulb so that the two prongs line up with the grooves in the lamp ballast.



13. Gently apply downward pressure equally to both the front and the back of the bulb.
14. Slide the bulb into place, until it fits securely.
15. Replace the back cover by snapping it into place.
16. Replace the side cover by snapping it back into place.
17. Plug in USB and power cables.
18. Turn scanner on, and allow to warm up before using again.

Troubleshooting

Troubleshooting

Lines in Scans
Error Code 3013
Scanner stops prematurely
Motor doesn't stop after scanning
DX Codes not being read
Hardware Fault Errors
Stretched Images
Error Log Files
Images out of Focus
Picture Essentials Viewer
Load Disc Command Failed
Motor Speed Warnings
Lamp Warm-up time
Contacting Support

Lines in Scans

Lines in scans can be caused two ways. The first is that the scanner needs to be calibrated. The temperature of the lamp can vary and re-calibrating the scanner ensures the highest image reproduction. Run the "Gain Test" to calibrate the scanner.

The scanner illumination could also be dirty and require cleaning.

Error Code 3013

The N:\ hard drive is bad. Replace the second hard drive that is used for the scanner buffer drive.

Scanner Stops Prematurely

Run the "Gain Test" in the Calibration Wizard.

Motor doesn't stop after scanning

If the scanner motor does not stop after a roll of film has finished scanning, manually hit the "Stop" button. To fix the problem, run the Gain Test.

DX Codes Not Being Read

Run the "Track Test" in the Calibration Wizard.

A dirty film track will also cause DX codes to not be read properly. Clean it regularly to ensure proper DX code reporting.

Hardware Fault Codes

Hardware fault codes are usually one of two varieties. Hardware fault codes will be reported if the film was inserted improperly. They will also be reported for hardware failures.

Cleaning the fan filter regularly will ensure that the scanner does not overheat and turn off the lamp to avoid damaging the scanner.

Cleaning the illumination bar regularly will also ensure that fault codes related to a dirty illumination bar not be reported.

Stretched Images

A dirty film track will cause the film inside the scanner to not travel through the film path at the proper speed and will caused images to appear stretched.

Clean the film track regularly to avoid this problem.

Error Log Files

There are error log files located on the computer that will be helpful when determining any problems with an F-235 scanner. These files are located in C:\Program Files\Pakon\TLA Com Server. The files are named "PakonErrorLog." Please include these files with any email correspondence with your technical support representative.

Images Out of Focus

Run the "Focus Test" in the Calibration Wizard to improve the focus of the F-235 Scanner.

Picture Essentials Viewer

The Picture Essentials viewing software has a free trial period, but once it expires, the software must be purchased to include on Pakon CD's. Please contact your sales representative for information on purchasing this program.

Please be aware that multi-session is not available for CD's which include this viewing software.

If PSI no longer includes this program on CD's, please ensure the box is checked in the "Pakon CD-R" setup option. If the option is grayed out, this means that the software has either expired, or has lost its registration key.

If the registration key information is lost, please do the following:

1. Close PSI and IQueue II.
2. Turn the F-235 scanner off.
3. Disconnect the USB 2.0 cable in the back of the scanner.
4. Reboot the PC.
5. Connect the USB 2.0 cable in the back of the scanner once Windows is finished loading.
6. Turn the F-235 scanner on.
7. Click on the Picture Essentials Icon on the desktop.
8. Re-register Picture Essentials with your registration key.

Load Disc Command Failed

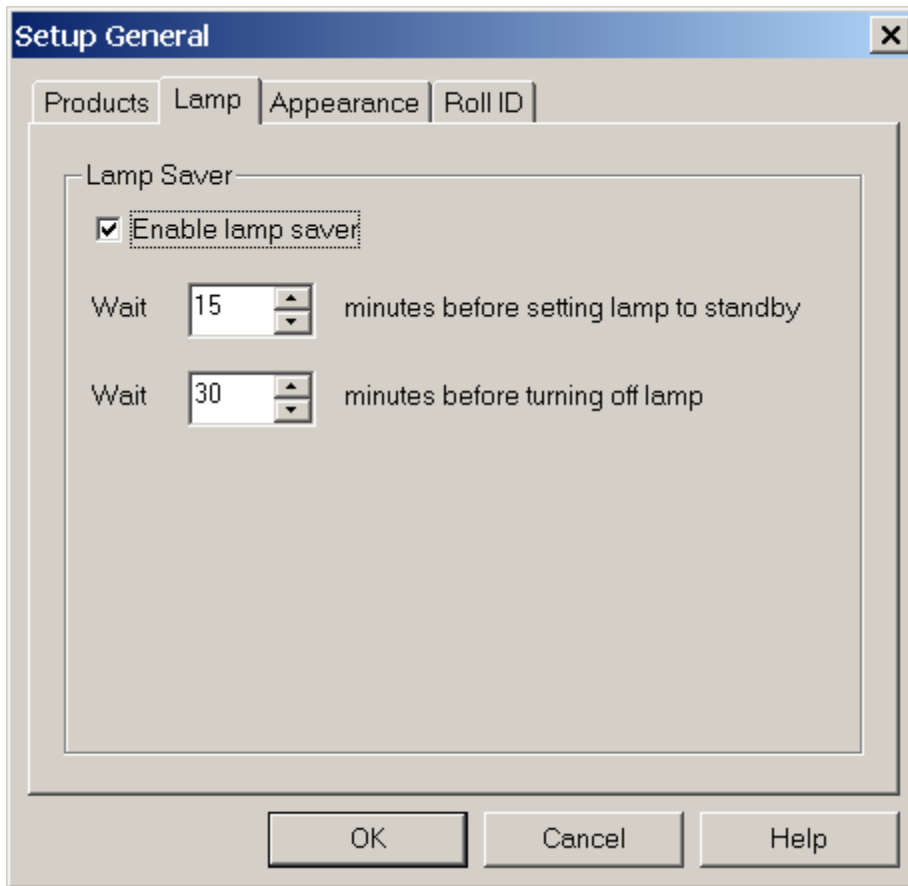
If IQueue II prompts this error message when making a CD, try the following:

1. Insert a new CD.
2. Insert the CD only when prompted to by IQueue II.
3. Try a CD from a new spindle to ensure the media is not defective.

Lamp Warm-Up Time (F-235 Only)

The lamp warm-up time cannot be reduced the first time the scanner is turned on. The lamp warms up to ensure that image quality is satisfactory. However, there is a lamp-saver function that will turn off the lamp bulb after a setup period of inactivity. This *can* be disabled.

Under "Setup" -> "General" either disable the lamp saver, or increase the time allowed before the lamp turns off to 9999 to ensure it does not turn off.



Contacting Support

When contacting support by phone, please follow these guidelines to ensure timely assistance:

- Have the computer and scanner on.
- Have PSI F-235 loaded, if possible.
- Have any reported error codes written down for quick reference.
- Know the version of PSI being used. [Click here for more information on this.](#)
- Know the serial number of your scanner.

If you prefer to email support, please include the following information in your email request:

- Any applicable error log files.
- Version number of PSI.
- Serial number of your F-235 scanner.

A sample image if helpful.

Your company name and location.

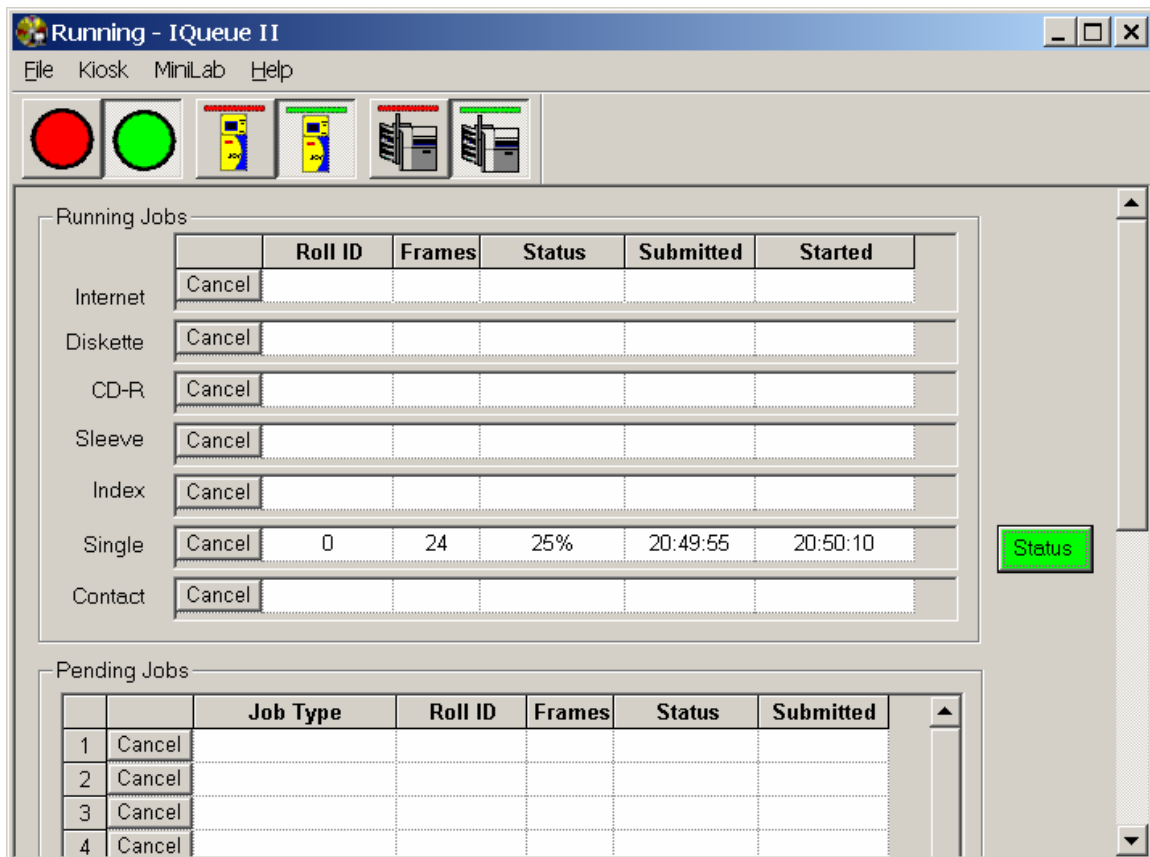
Details on the problem and what has been attempted so far to resolve the problem.

Noritsu 2611 Integration

Noritsu 2611

The Noritsu 2611 mini-lab can be used as a printer using PSI F-235. For this to work, there must be a SCSI cable from the Noritsu 2611 connected to a SCSI card on the F-235 host PC. The 2611 should be turned on before the F-235 host PC is turned on.

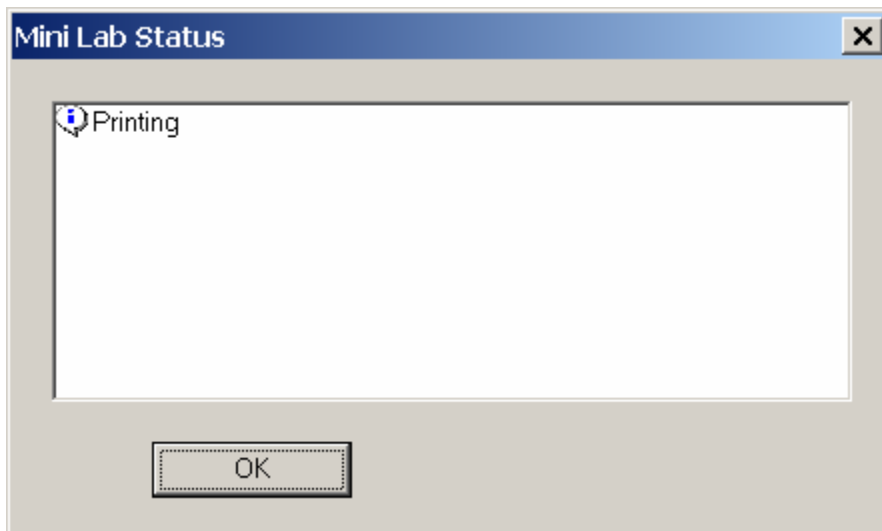
If the 2611 is detected by IQueue upon start-up, there will be a green status light if the PC and 2611 are communicating.



A yellow light indicates a warning for the 2611.

A red light indicates that there is an error on the 2611.

If there is a flashing yellow or red light, the warning or error has not been acknowledged by the operator. The operator can acknowledge this error by pressing the yellow or red button. A previously acknowledge warning or error can also be viewed by pressing the yellow or red button.



If the 2611 is connected but the green light does not appear, the PC may have been powered on before the lab or the SCSI cable may not be fully connected. Power down the Pakon system, check the connection, restart the PC, and then restart PSI and IQueue.

Printing to the 2611

Printing to the Noritsu 2611 requires that the printer be set to "AUX2" mode and IQueue II be set to print to the mini lab.

AUX2 Mode

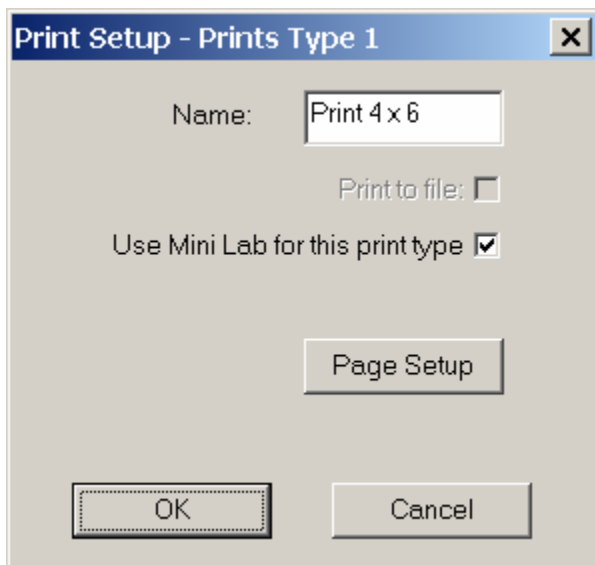
If the AUX2 channel is configured on the 2611 already, it is probably channel 13.

To create this AUX2 mode:

1. Press "Form" on the 2611.
2. Go to "13" or a blank channel.
3. Press "Shift" and "Yes."
4. Select "Print Form" and hit the "Yes" key.
5. Set "Print Specification" to "AUX2."
6. Set "Operation Specification" to "CROP."
7. Set "Display Specification" to "1 FRAME."
8. Set "Destination of Image Data" to "VFP."

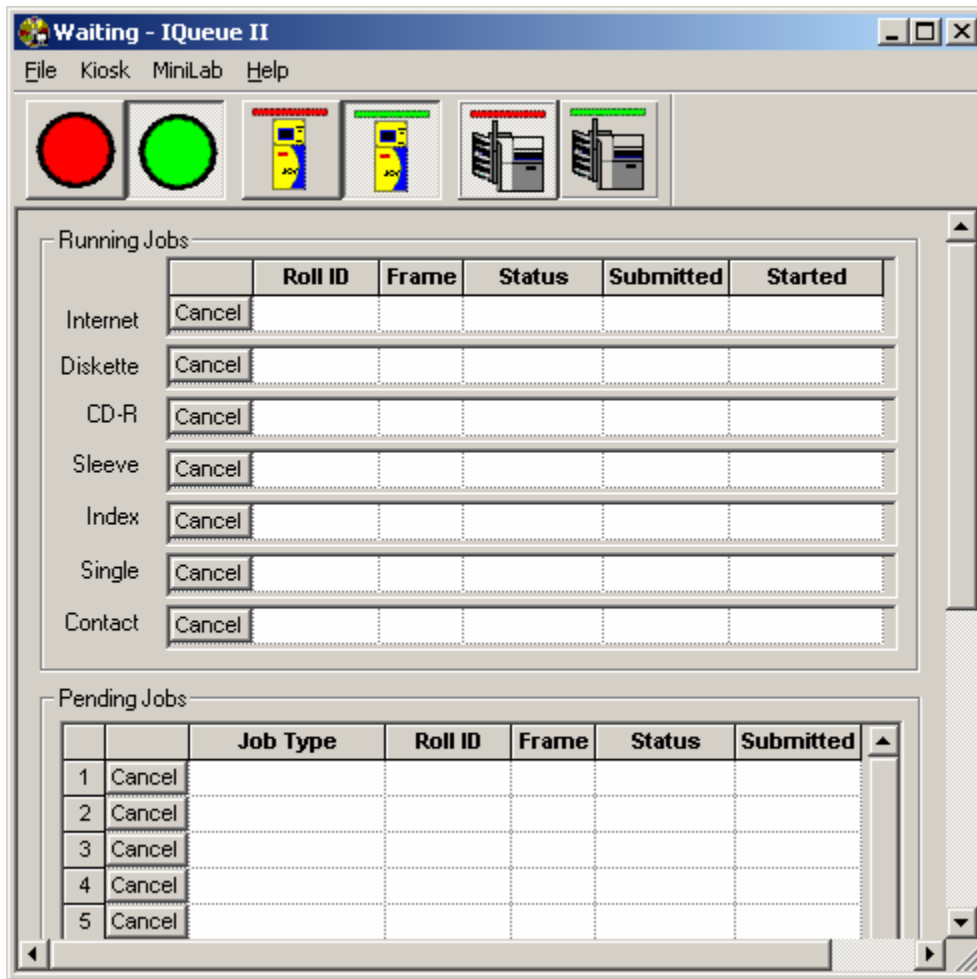
Print to the Mini Lab

To enable 4x6 printing to the Noritsu Mini Lab, go to the "Print Setup" for "Type 1" prints in the IQueue setup menu. Check the box labeled "Use Mini Lab for this print type." Now all "Type 1" prints will print to the mini lab rather than the default local printer.



Processing and Holding Digital Orders

It is recommended that the Minilab Orders be "Held" until the printer is available for digital prints, as the printer will not print from film in the AUX2 mode. IQueue II will hold the digital orders until the operator selects "Process Minilab orders" and the printer is in AUX2 mode.

**WARNING:**

Do not switch the 2611 out of AUX2 mode while orders are being processed in the "Running Jobs -- Single Grid."

Pakon recommends to "Hold" minilab orders after the first order has begun processing in the "Running Jobs"

Once the digital orders are completed in IQueue II, the printer can be switched out of AUX2 mode.

Adding Extras

Axiom Viewing Software

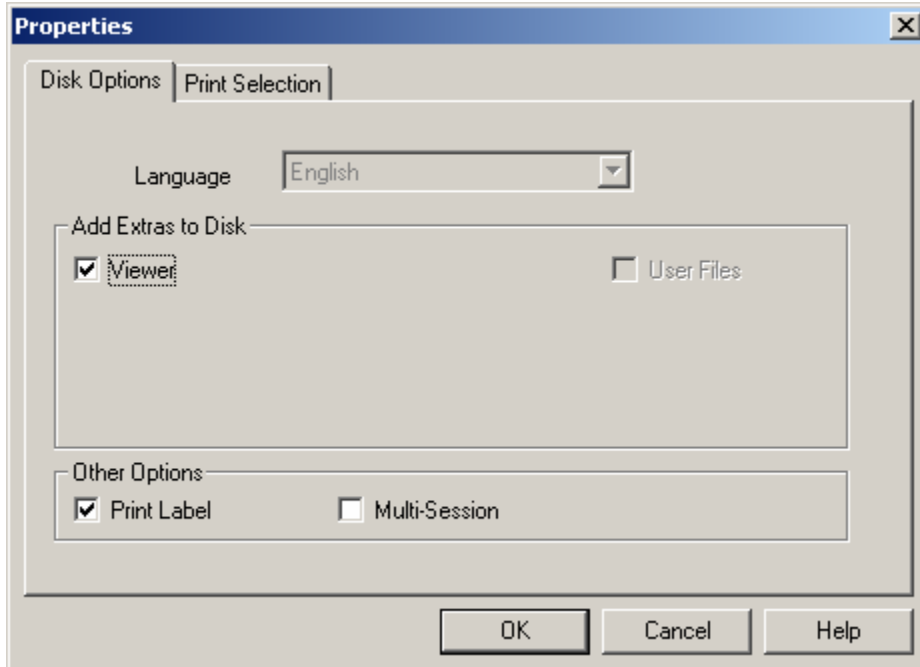
PSI has the ability to add software to each CD created.

Pakon sells Axiom Viewing Software. Follow these instructions to install the program if it is not already installed:

1. Insert the installation CD into the CD drive.
2. If the installation does not begin once the CD is inserted, run setup.exe from the CD drive.
3. Click on "Next."
4. Click on "Install."
5. Click on "Finish."

If you own a Pakon F-135 or F-335:

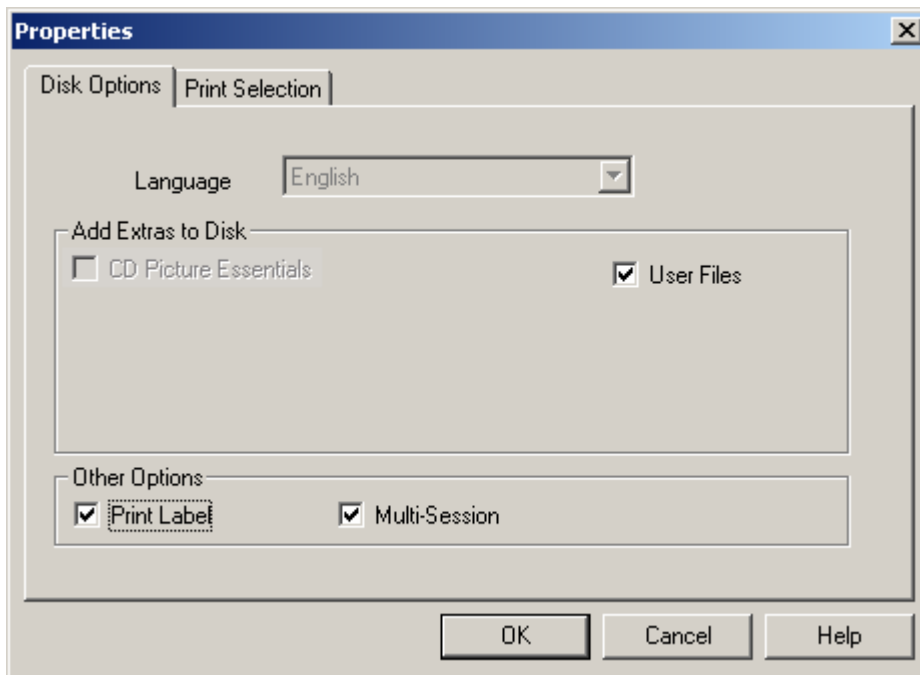
6. In PSI, go to "Setup"
7. Select "Pakon CD Setup"



8. Check the box that says "Viewer" to add the Axiom viewing software onto each Pakon CD created.

If you own a Pakon F-235:

6. In PSI, go to "Setup"
7. Select "Pakon CD Setup"



8. Check the box that says "User Files" to add the Axiom viewing software onto each Pakon CD created.

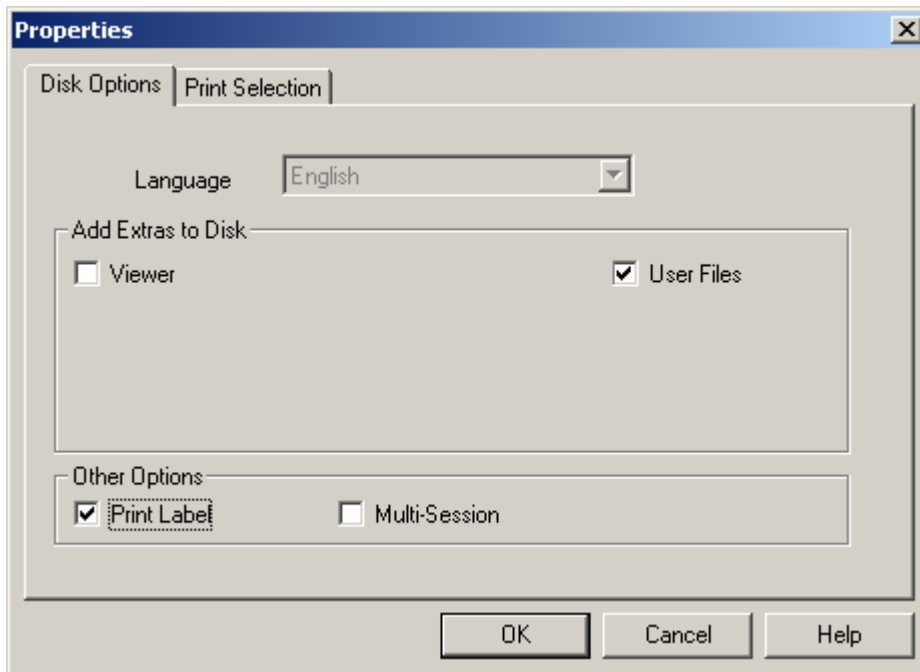
Note: Pakon no longer offers "CD Picture Essentials." However, this program is still available in PSI to those who own a license.

User Folder Option

The "User" folder can be used to add software to Pakon CD's created in PSI.

If you own a Pakon F-135:

Create a "user" folder in C:\Program Files\Pakon\Extras
Copy files to C:\Program Files\Pakon\Extras\User
In PSI, go to "Setup"
Select "Pakon CD Setup"
Check the box that says "User"

**If you own a Pakon F-235:**

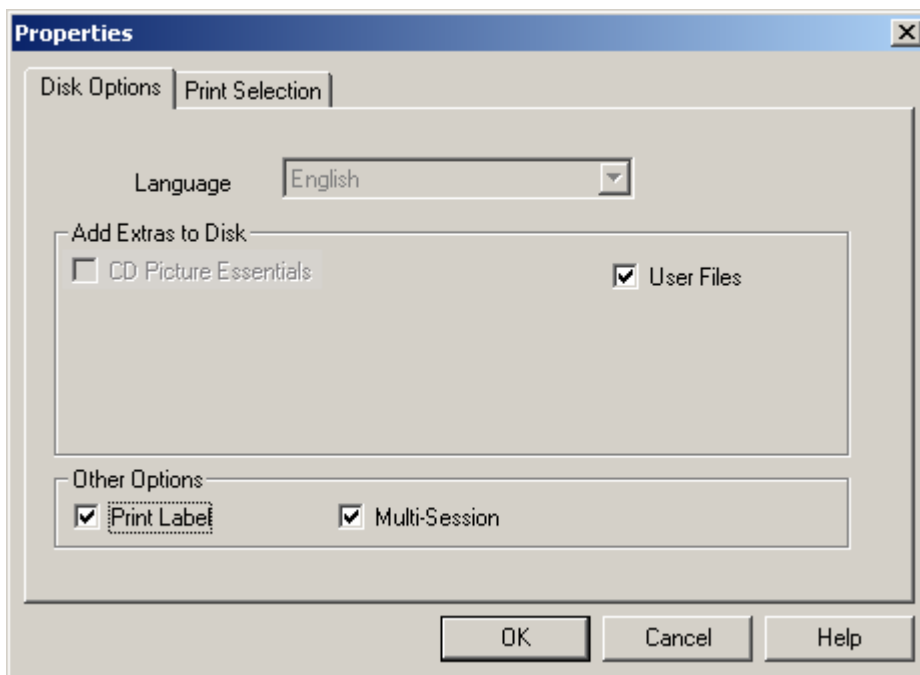
Create a "user" folder in C:\Program Files\Pakon\F-135\Extras

Copy files to C:\Program Files\Pakon\F-135\Extras\User

In PSI, go to "Setup"

Select "Pakon CD Setup"

Check the box that says "User"



PSI

If you own a Pakon F-335:

Create a "user" folder in C:\Program Files\Pakon\F-335\Extras

Copy files to C:\Program Files\Pakon\F-335\Extras\User

In PSI, go to "Setup"

Select "Pakon CD Setup"

Check the box that says "User"



Primera Bravo CD-R

Bravo CD-R

Contact your sales representative for information on purchasing a Primera Bravo CD-R system. A firewire (IEEE 1394) card must be installed to use the drive.

Select the Bravo drive in the IQueue setup menu. Select the Bravo printer in the CD Label setup box.

Roll Film Feeder Accessory

F-235Plus Roll Film Feeder

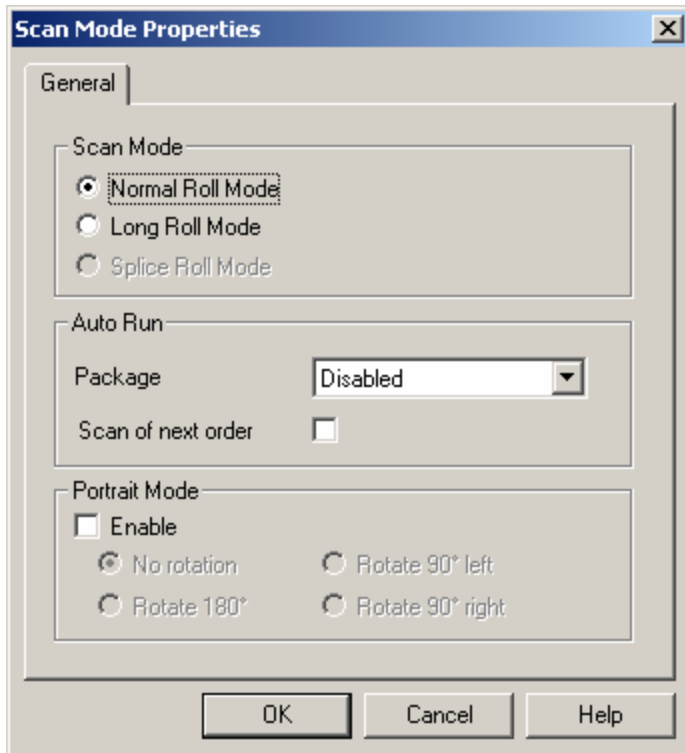
The Roll Film Feeder accessory (Pakon part #125094) is available from Pakon and can be used to scan long rolls of film on a spindle as well as spliced film.

Note: Spliced mode is only available when used on an F-235 Plus scanner designed for spliced film.



To properly use the Roll Film Feeder accessory the operator will have to follow these steps:

1. Change the scan mode in the "Setup" -> "Scanner" -> "Scan Mode" option.

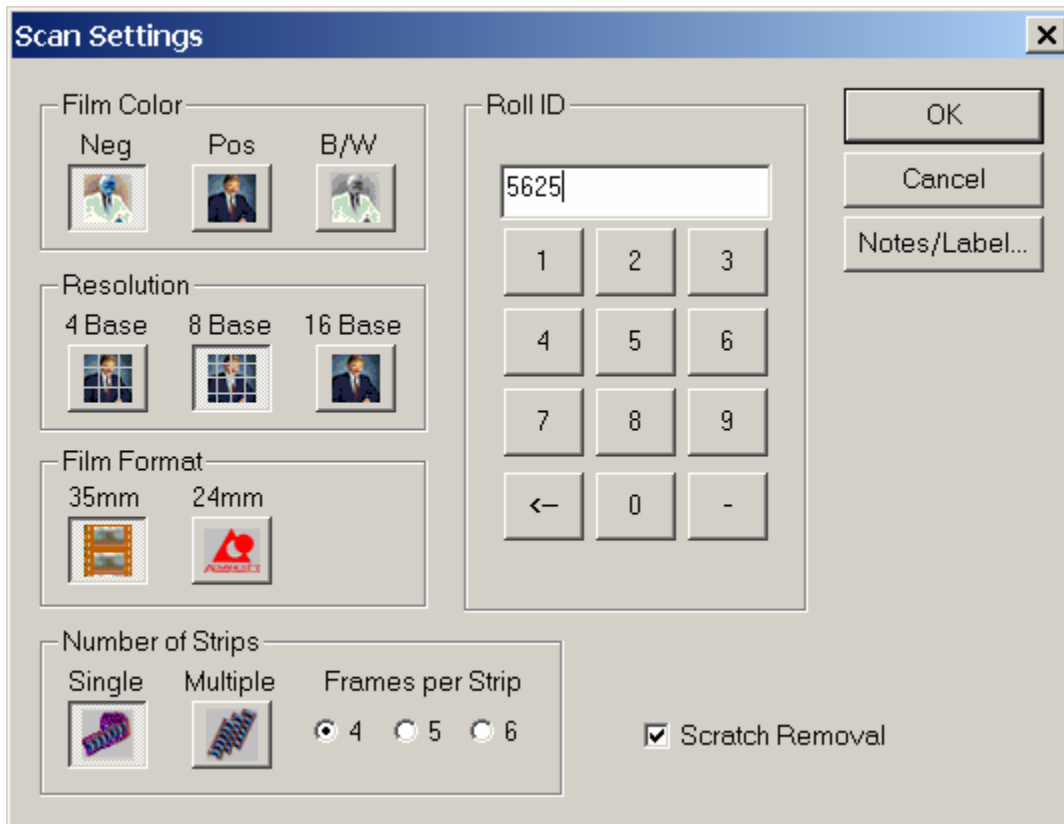


This mode will reverse the film after the scan buffer is full, to begin scanning the next frame. Re-start the software if asked to.

2. The gain correction, or calibration, must be done before loading the film into the scanner.

To do this, follow these steps:

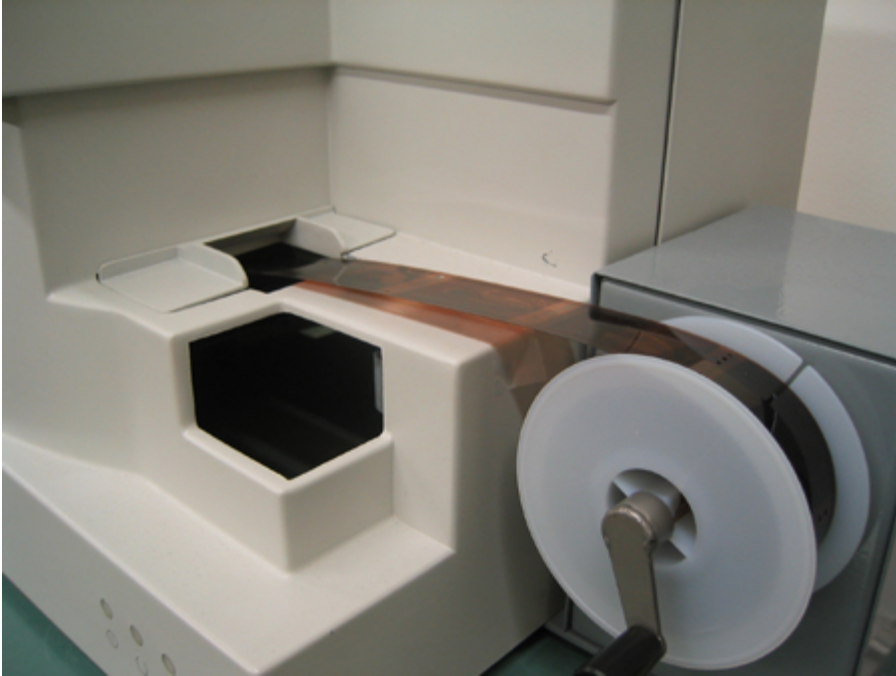
a.) Select the desired film type and resolution in the "Scan" box and click "OK."



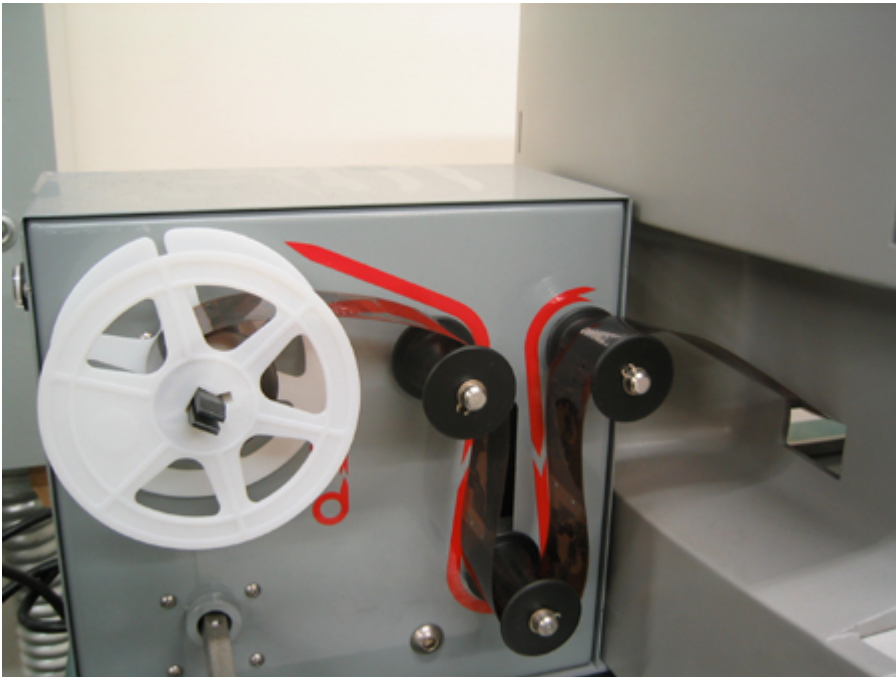
- b.) Once the motor begins, click on "Stop."
- c.) Now load the film into the scanner and Roll Film Feeder unit.
- d.) Advance the film into position with the first frame inside the scanner.
- e.) Begin scanning the film.

Threading Film through the Roll Film Feeder and the F-235 Film Scanner

- 1.) Load film onto the spindle and attach it on the right side of the Roll Film Feeder with the film coming from the top of the roll, not the bottom, as shown below.



2.) Thread the film from the exit as shown below.



3.) The film should go over the first roller, underneath the middle and bottom roller, and then over the left most roller. There are red directional arrows on the Roll Film Feeder unit as well.

4.) Turn on the Roll Film Feeder unit.

5.) The scan mode cannot be changed once film is in the scanner and attached on the Roll Film Feeder. It is recommended to use "Control Shift S" to begin a new scan rather than the scan dialog.

Additional spindles can be ordered with Pakon part #125103.

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