

SureColor Solvent Range Media Setup

Media Panel Set up
&

LFP Remote Panel

SC-S30600 - SC-S50600 - SC-S70600



SureColor

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Custom Media Set up



SureColor

Custom Media Set up

- Setting the media up on the SureColor printer is a more accurate process
- This helps minimize banding and paper feed issues
- Up 30 different media types can be set



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- Print speed and setting are dependent on the type of media being used and the application it is for
- Banner Printing is possible in 4 pass mode, where as higher quality Vinyl printing will need 8 pass mode



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- Setting up the printer with custom panel adjustments will yield a better result
- There is however, a need to compliment the panel settings with setting from the RIP



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- Setting up a Custom Media will require the user select menu item for adjustment
- Please follow the Guide not the menu list as the adjustments need to be done in a specific order, For Instance the Temperature needs to be set before the Suction or Feed Adjustment
- The Media must be loaded correctly, this includes taping the media to the Take-up Reel
- It is important to follow these steps for the best possible result



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- Turn on Printer
- Select the Roll Media Button



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- Select Customize Settings
- Press OK



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- Select No. 1 or the next available number
- Press OK



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- Select Setting Name
- Press OK



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Custom Media Set up

- Select Setting Name
- Press OK



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Custom Media Set up

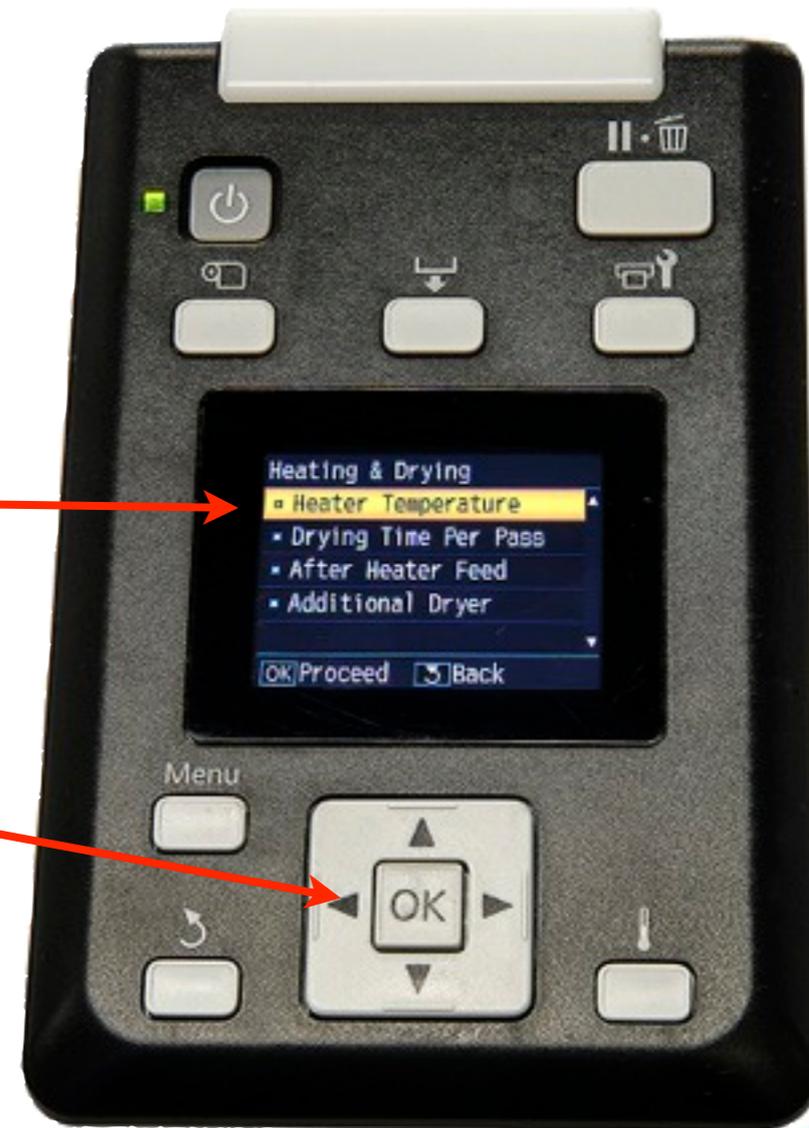
- Select Heating & Drying
- Select OK



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- Select Heater Temperature
- Select OK



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- Adjust required temperatures* using Up and Down Arrow

*Heater temperatures are based on media manufacturer specification. Please check with the media supplier for the correct settings

- Move to next heater using Left and Right arrows

- Select OK



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- Select Platen Gap
- Select OK



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- Select required gap

Thickness (mm)	Gap	Media Type
0.1 > 0.3	1.5	Polyester/Vinyl
0.31 > 0.75	2.0	Banner/Canvas
0.76 > 1.0	2.5	Other

- Select OK



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- Select Media Suction
- Select OK



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- Select required level using Up and Down Arrows
- The lower the number the lighter weight the media
- Select OK



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- Select Head Alignment
- Select OK



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- Select Manual (Uni-D)
- Select OK



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Custom Media Set up

- Select Line Pattern
- Select OK



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Custom Media Set up

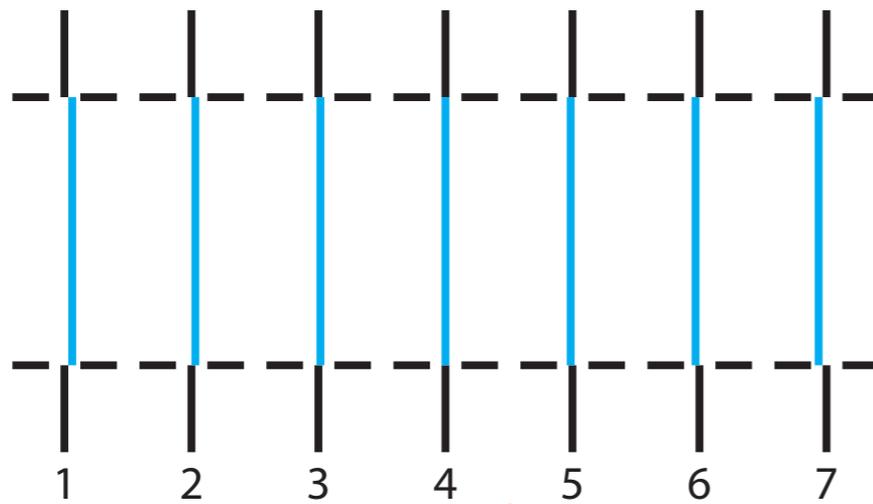
- Pattern will now print



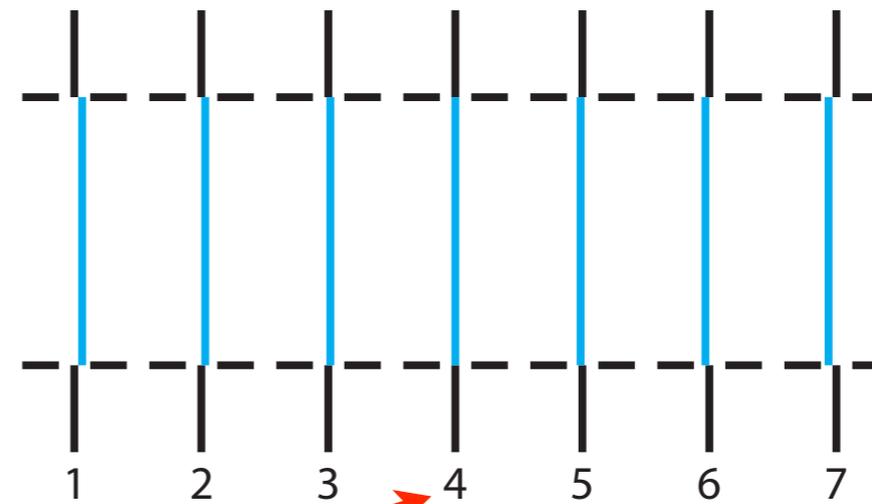
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Custom Media Set up

UniD Head1 #1



UniD Head2 #1



Check for the pattern where the blue and black lines are aligned, this is the correct setting



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- If most of the Alignment patterns are incorrect, select the best one, enter the number in the adjustment, then reprint and check again



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- Enter corresponding amount using left or Right arrow
- Select OK



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- Repeat the process for Head 2



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- Select Manual (Bi-D)
- This process is the same as Uni-D
- Print, view then enter the values
- Ok to continue



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- The next step is to select Manual (Dual Head)



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Custom Media Set up

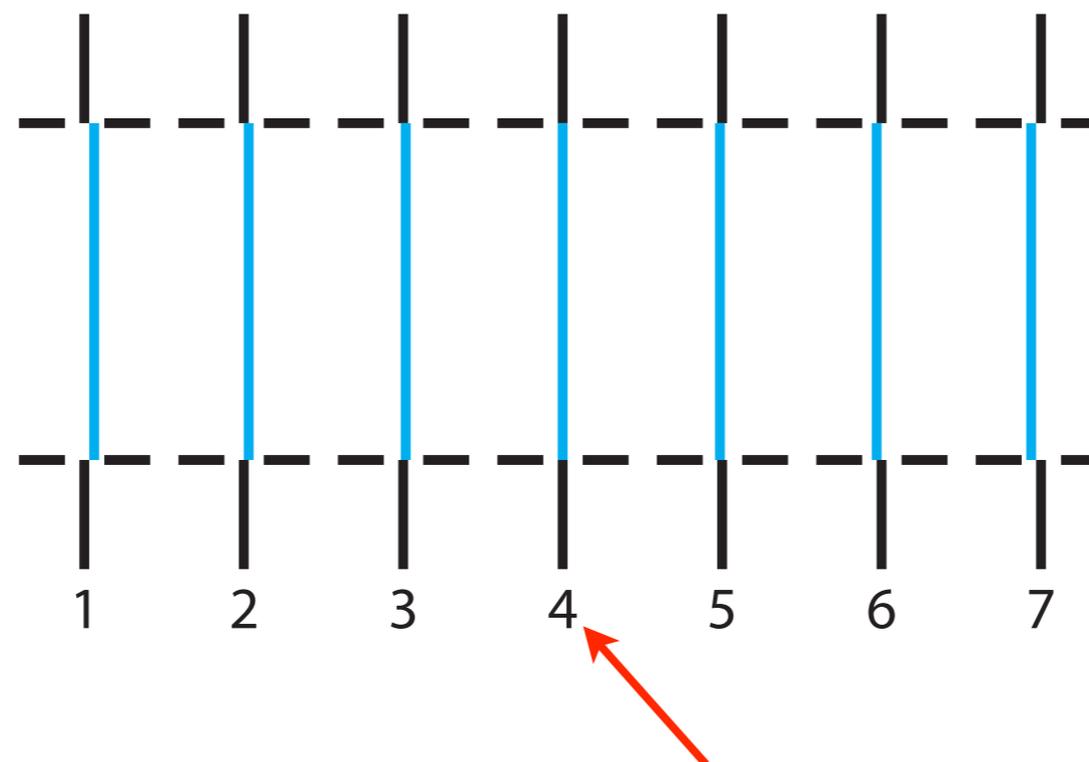
- Select Manual (Dual Head) Line Pattern
- Select OK to print



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Dual Head #1



Check for the pattern where the blue and black lines are aligned, this is the correct setting



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- Enter the adjustment setting amount using left and Right arrows
- Select OK



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- Select Feed Adjustment
- Press OK



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- Select Manual
- Press OK



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- Select 500mm Pattern
- Press OK



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Custom Media Set up

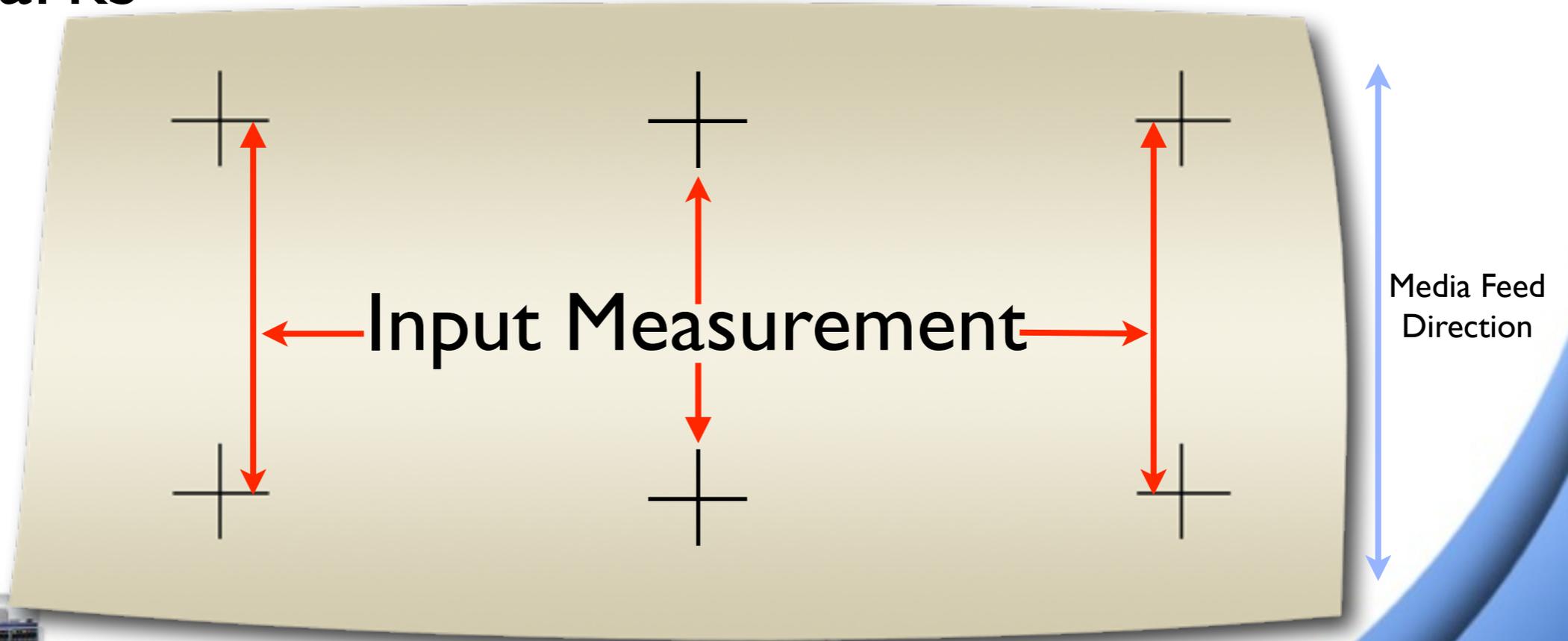
- Pattern will now print



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- Measure vertical distance between cross marks



Distance between the marks needs to be as close to 500mm as possible



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- Input the measures amount using Left and Right arrows
- OK
- Reprint to check when finished



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- Select the next menu item Head Movement
- Choose the preferred movement type
- Select OK



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- **Data Width:** The head will only move left and right to the extent of the printed file
- **Printer Width:** The head will move the whole width of the printer regardless of the size of the printed file



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- Press down arrow and select Tension Measurement
- Select OK



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- Set to Periodically
- Select OK



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Custom Media Set up

- Select Media Tension
- Select OK



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Custom Media Set up

- Adjust Media Tension

Media Type	Tension
Epson GS Canvas	1-4
Banner	5-10
Polyester/Vinyl	12-20
Epson GS Film	21-25

- Select OK



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Custom Media Set up

- Once the panel process is completed there will be some minor additional adjustment required from the RIP
- The adjustments required are to do with Media Feed.
- Set the RIP Print Environment to allow the Printer Panel to control the majority of settings
- Set the Media Feed to be controller by the User on the RIP
- If there is dark micro-banding add a “Plus” amount, i.e. +0.2. This will lengthen the feed to reduce the dark micro-banding
- If there is light micro-banding add a “Minus” amount, i.e -0.1. This will shorten the feed to reduce the light micro-banding



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Custom Media Set up

- There are a number other considerations when printing on the SureColor printers
- Temperature: This is a major factor in the printing process. Incorrect temperature can cause the media to distort and effect the way the ink is received on the media
- Ink Limit: The amount of ink applied to the media can also effect the print in various ways
- Media Loading: Follow the correct procedures for loading media on the the printer. Incorrectly loaded media can damage the printer or cause unexpected results
- It is important that the Media Manufacturer or Supplier be consulted prior to setting up the printer to ensure that the correct settings are applied to achieve the best results



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LFP Remote Panel and Firmware Updating



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LFP Remote Panel

- Critical Firmware Updates are released on occasions to improve with the operation of the printer
- The Epson LFP Remote Panel is designed to allow the End User to update Firmware
- The LFP Remote Panel must be install on a PC connected to the printer via USB



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LFP Remote Panel

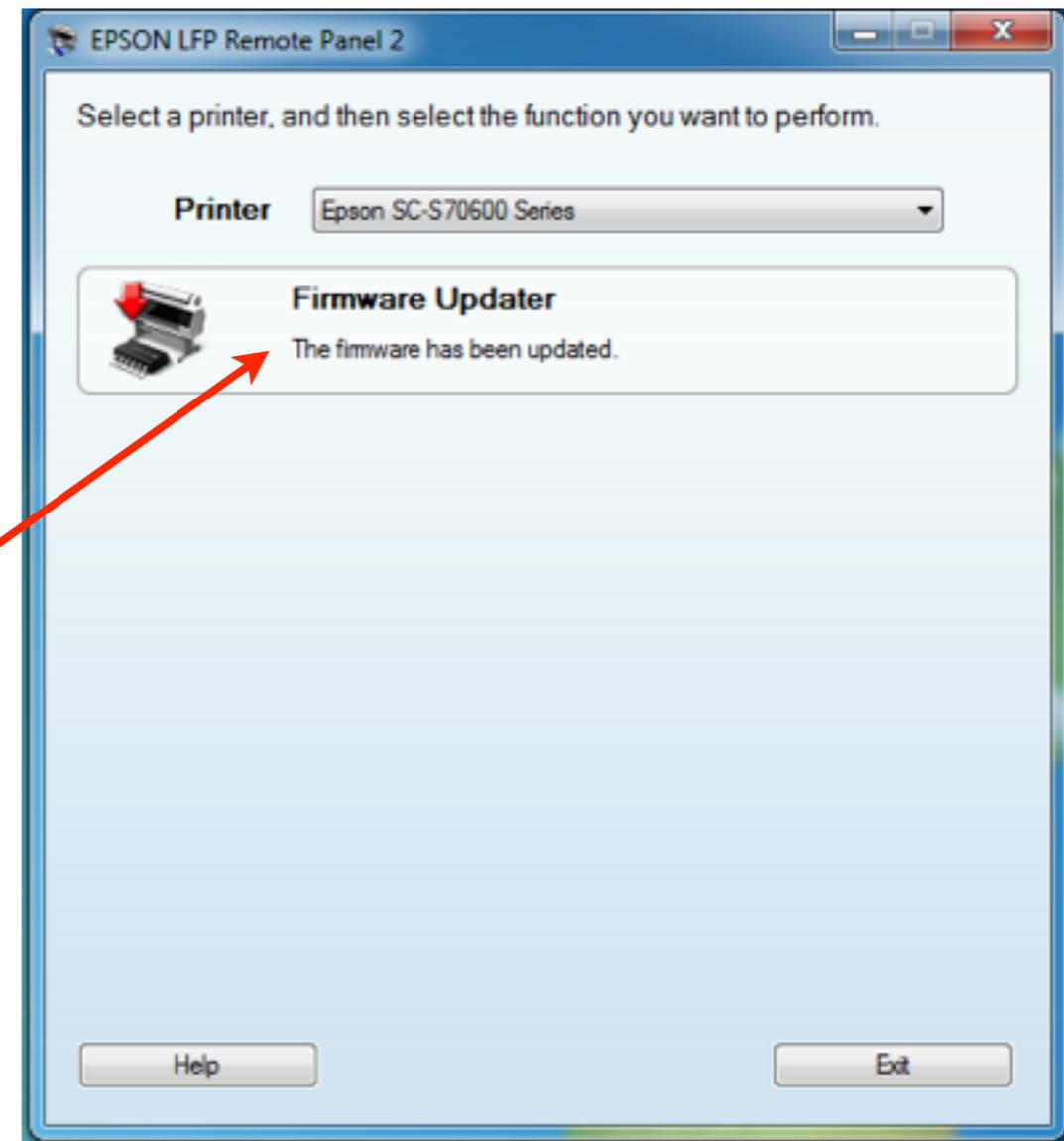
- Run the LFP Remote Panel, Firmware Update section once every 4 weeks (minimum)
- This will ensure the printer is kept up to date
- Prior to booking any service request please make sure the Firmware has been updated
- If not, this will delay to booking process as the update will be required prior to any Service Agent being dispatched



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LFP Remote Panel

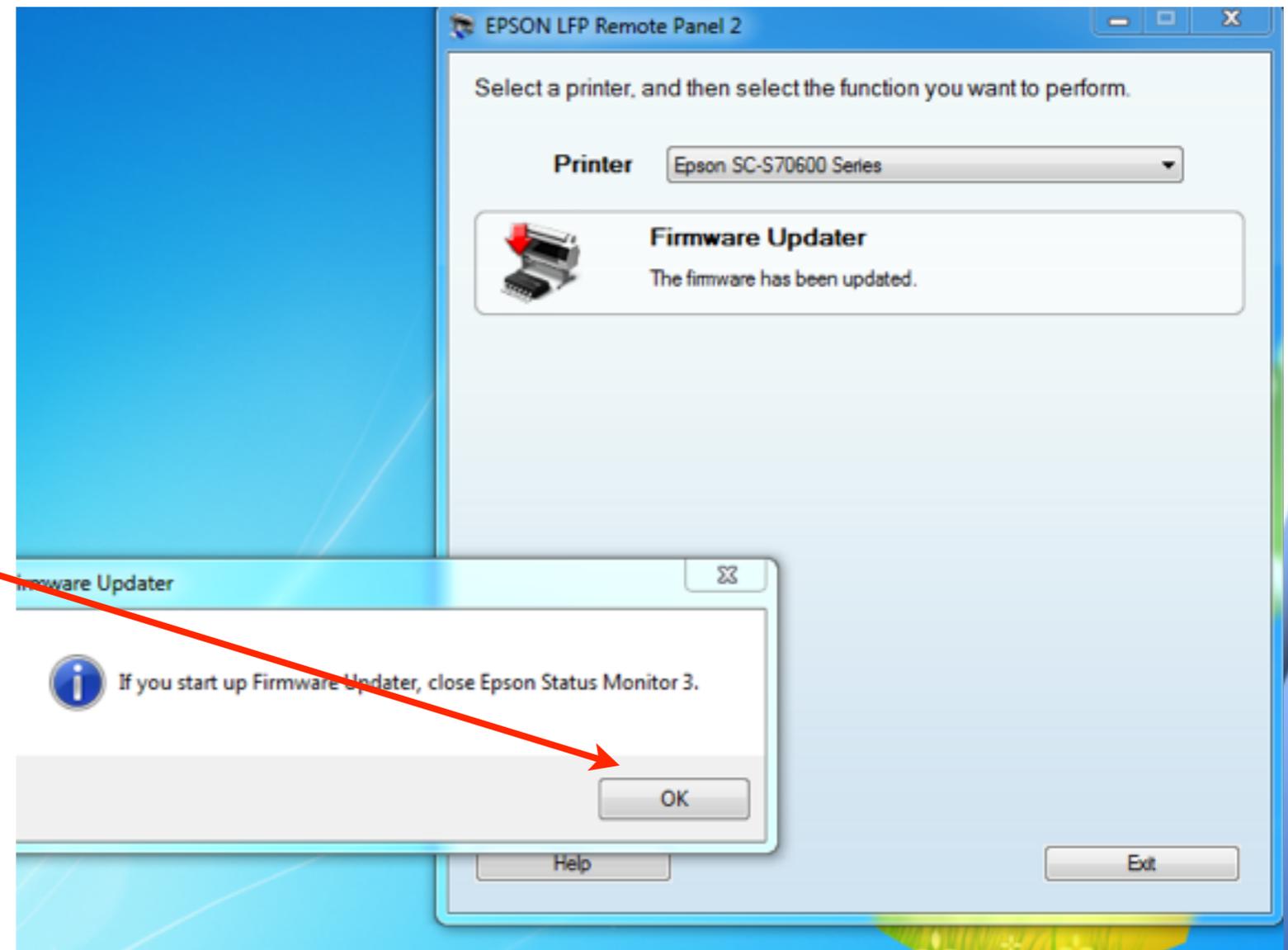
- Run the LFP Remote Panel from the Start Menu on the PC
- Select the Firmware Updater



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LFP Remote Panel

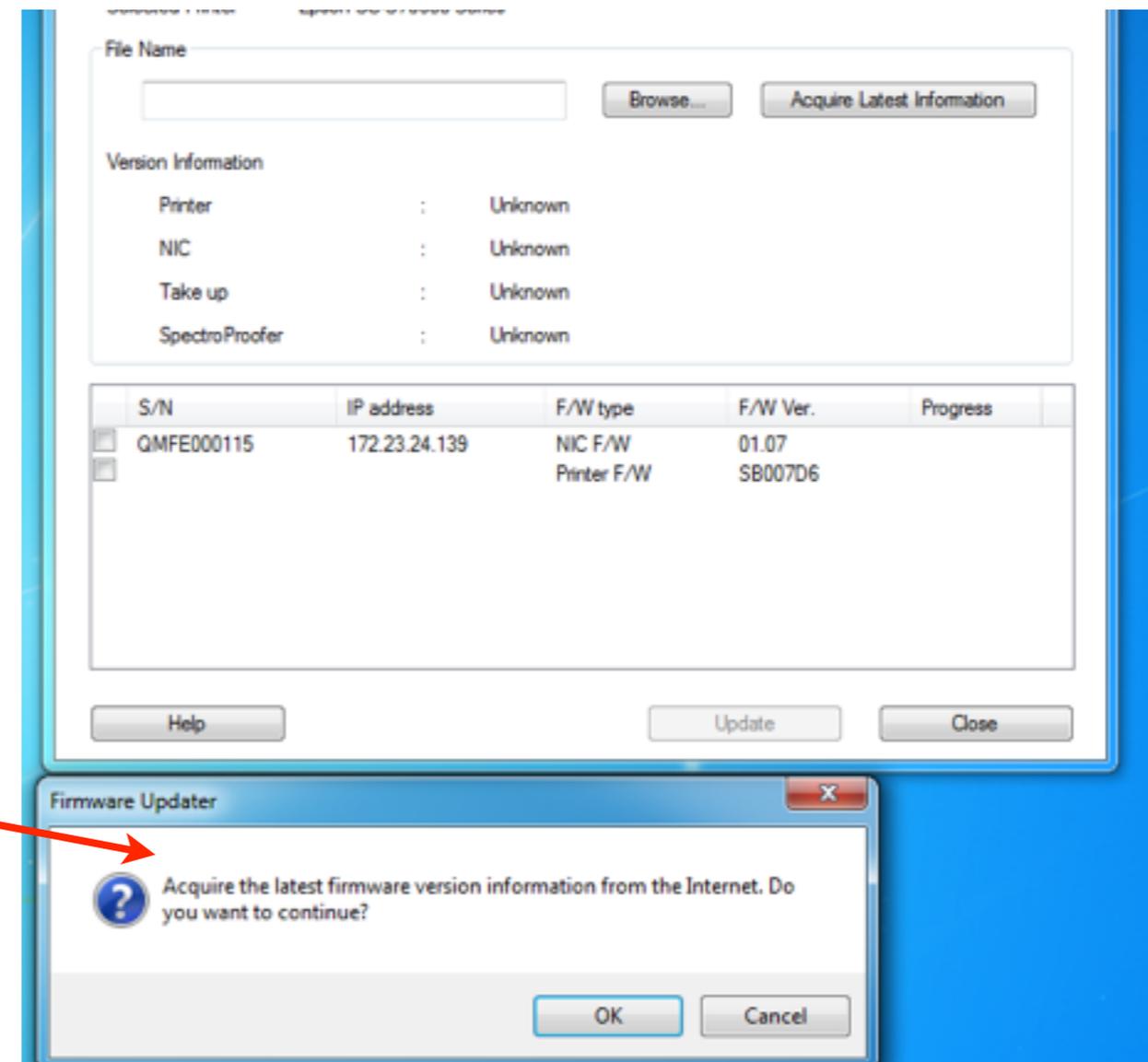
- Select OK to continue



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LFP Remote Panel

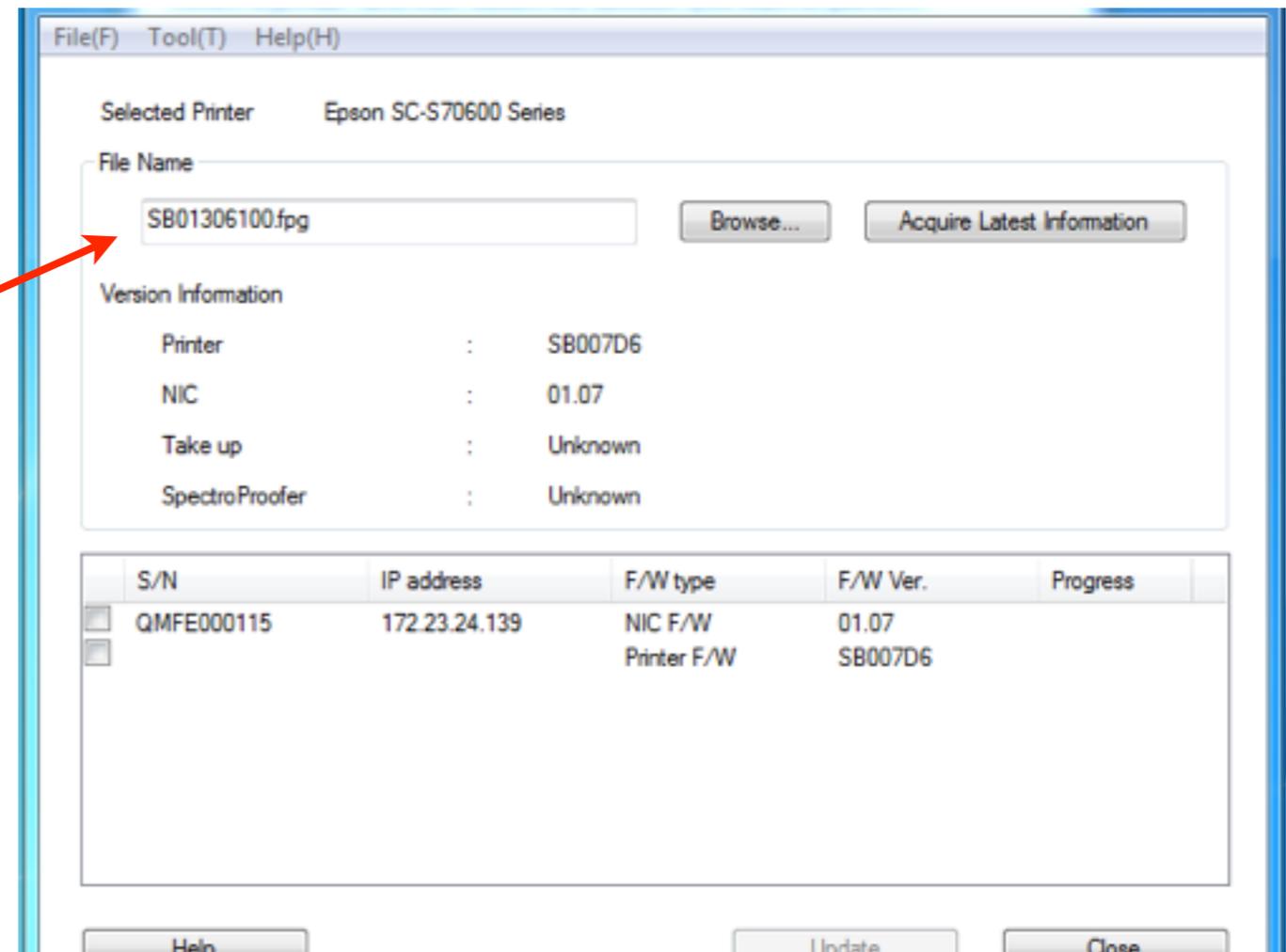
- The Remote Panel will search the internet for the latest update
- Select OK



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LFP Remote Panel

- The latest Firmware will appear in this section



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- If not already ticked. Click on the check Boxes

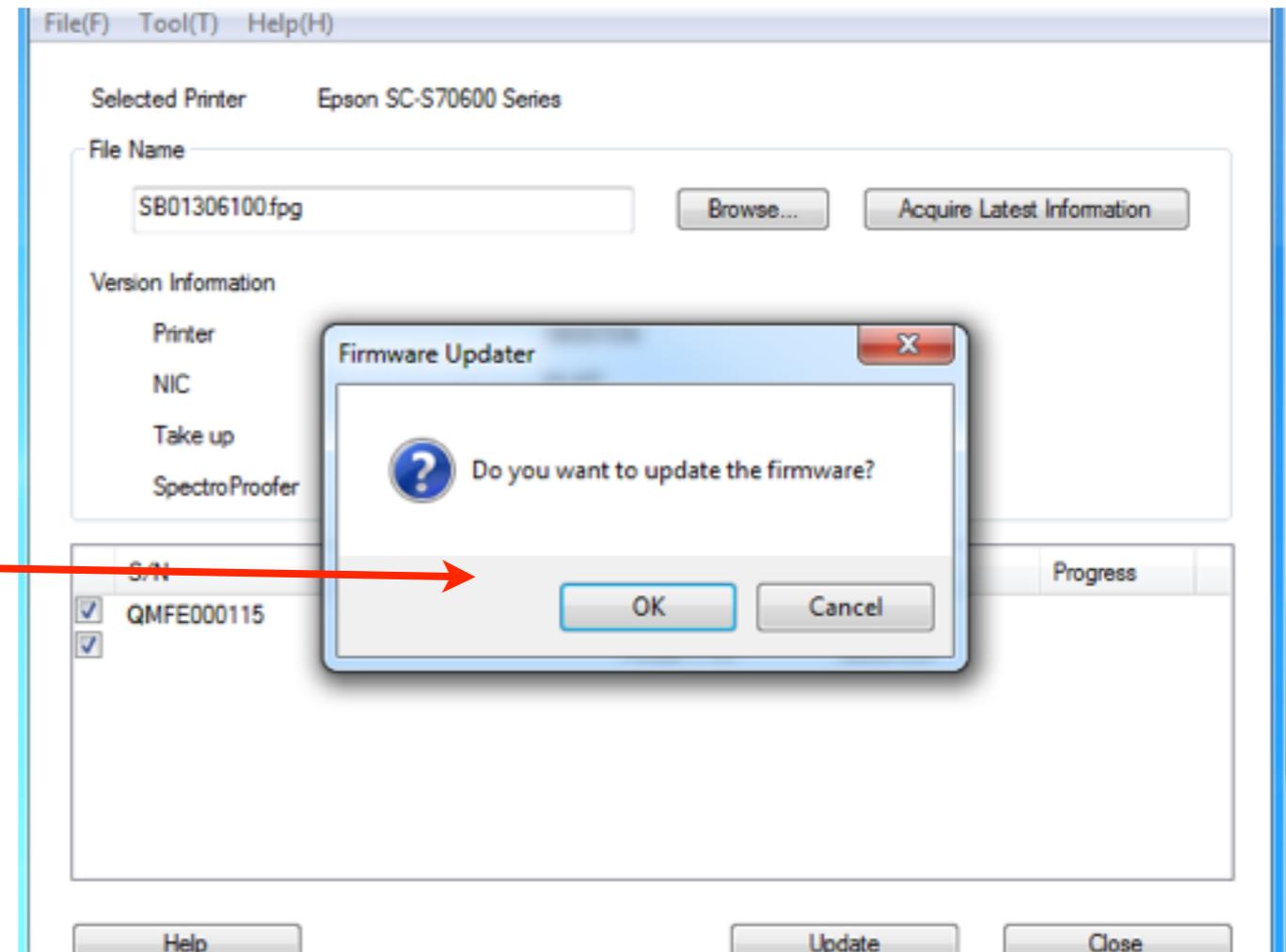
S/N	IP address	F/W type	F/W Ver.	Progress
<input checked="" type="checkbox"/> QMFE000115	172.23.24.139	NIC F/W	01.07	
<input checked="" type="checkbox"/>		Printer F/W	SB007D6	



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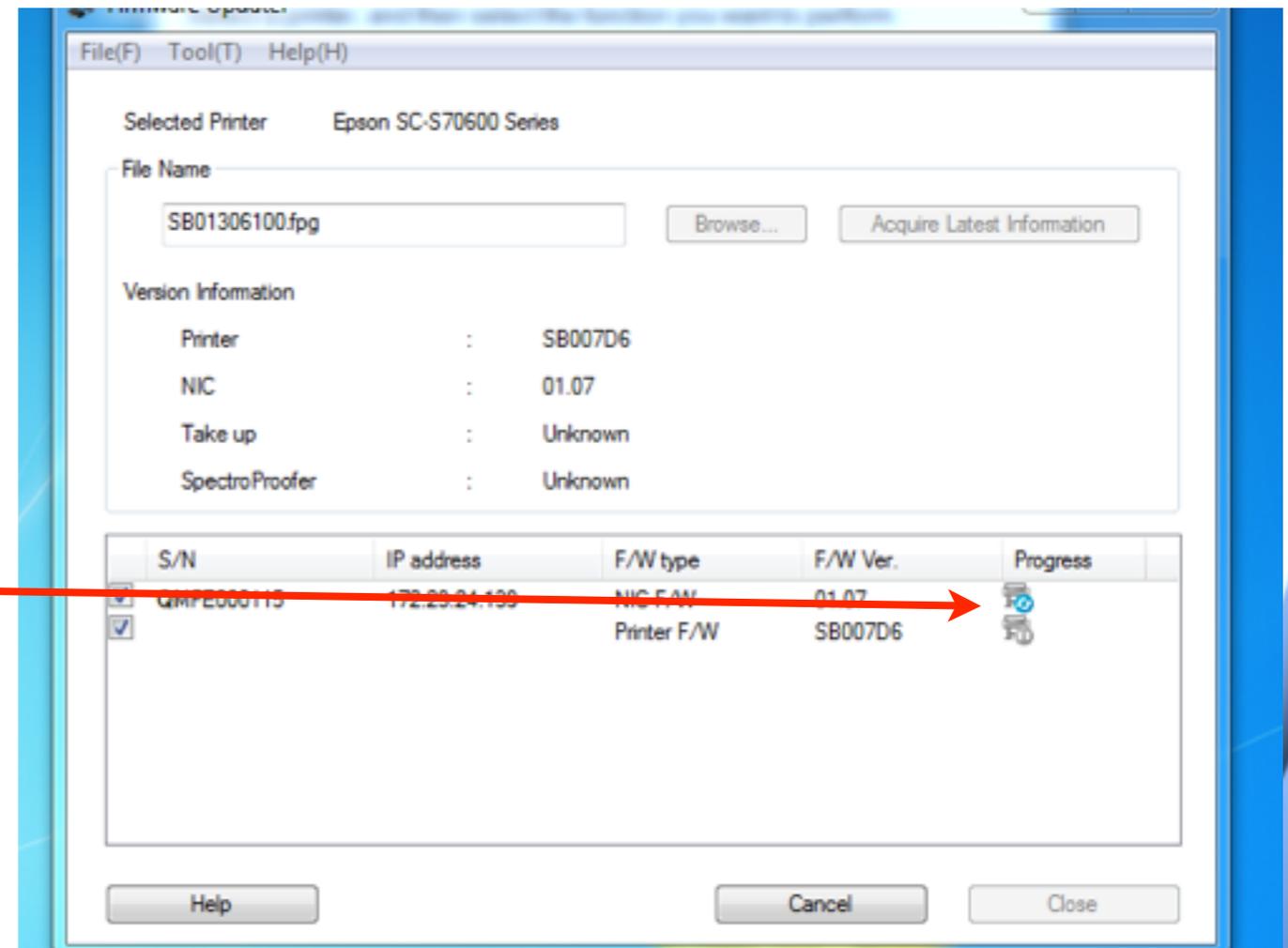
- Select OK



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LFP Remote Panel

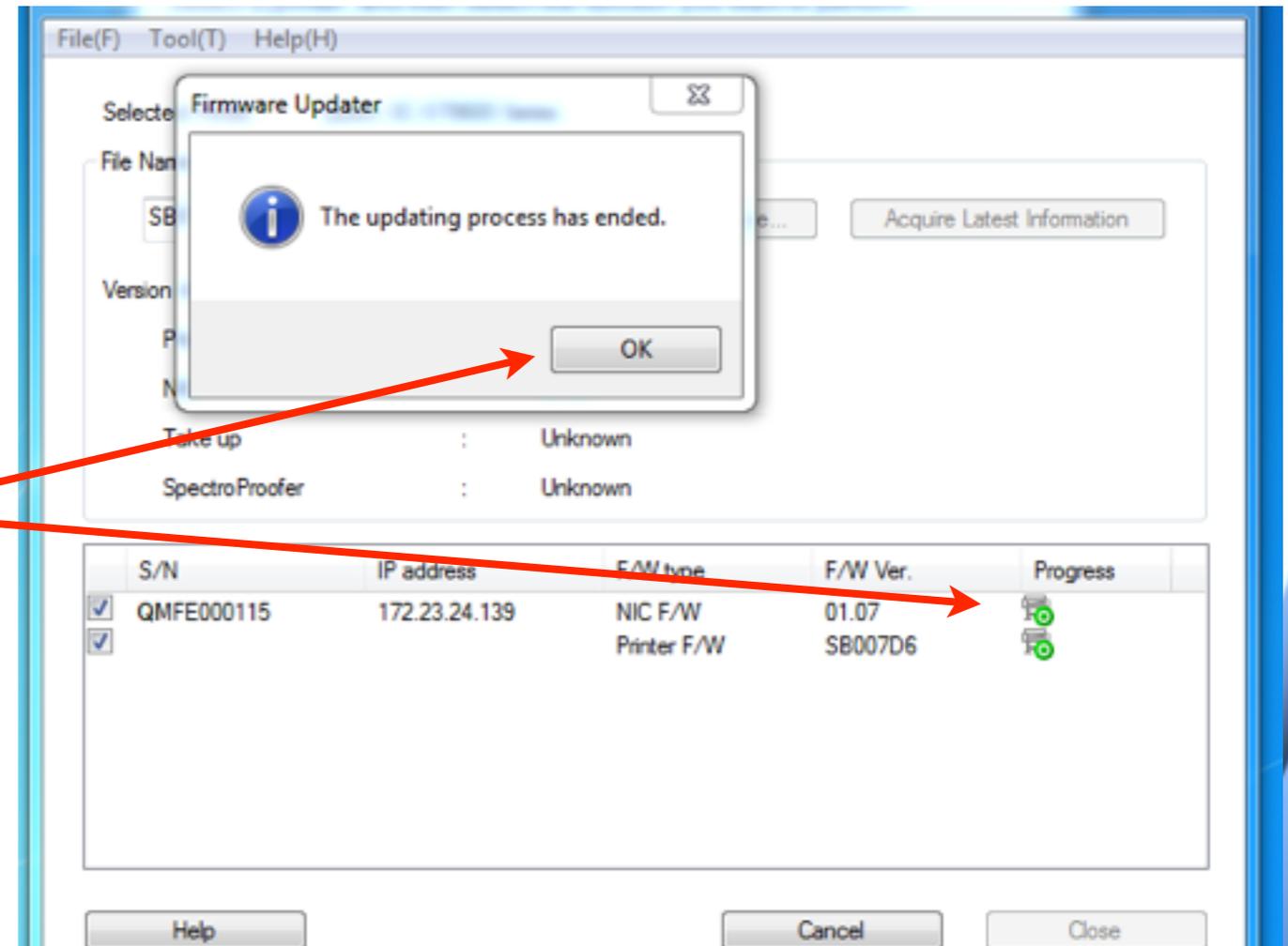
- The Firmware will start updating the printer



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- Once the Update is complete click OK



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- If you receive this message then go to the Epson Australia Support page and manually search for the Firmware for your printer

The screenshot displays the LFP Remote Panel software interface. At the top, there is a search bar and two buttons: "Browse..." and "Acquire Latest Information". Below this is a "Version Information" section with the following details:

Printer	:	Unknown
NIC	:	Unknown
Take up	:	Unknown
SpectroProofer	:	Unknown

Below the version information is a table with the following columns: S/N, IP address, F/W type, F/W Ver., and Progress. The table contains two rows of data:

S/N	IP address	F/W type	F/W Ver.	Progress
<input type="checkbox"/> QMFE000115	172.23.24.139	NIC F/W	01.07	
<input type="checkbox"/>		Printer F/W	SB007D6	

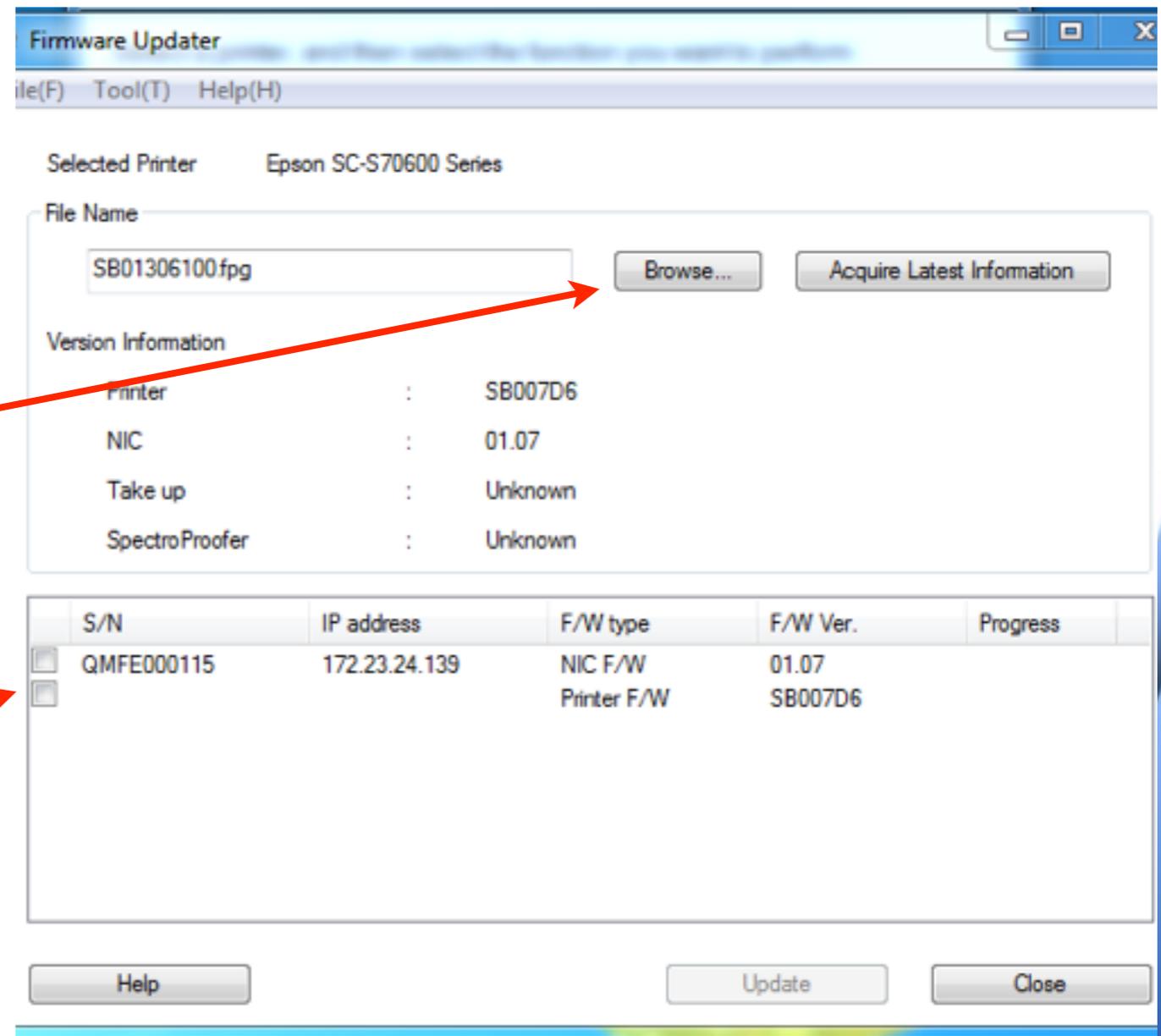
At the bottom of the main window are buttons for "Help", "Update", and "Close". A red arrow points from the "Update" button to a smaller "Firmware Updater" dialog box. This dialog box contains an information icon and the message: "Cannot find the latest firmware information." with an "OK" button.



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- Download the Firmware file to your Desktop then use the Browse button to acquire the file
- Check the boxes and start the Firmware update



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- Once the software has completed the update, check LCD screen of the printer
- If the printer is in the Ready state, the install was completed
- The printer may shut down
- If this happens manually restart the printer
- Print a Nozzle Check to confirm the printer is functioning correctly
- The Nozzle Check also has the Firmware version printed on the page
- This is a visual check to make sure that the update was successful



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Thank you



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