



KONICA MINOLTA

PRINT LINK for DRYPRO Printlink5-IN

Operation Manual



Manufacturer:
KONICA MINOLTA, INC.

1 Sakura-machi, Hino-shi, Tokyo, 191-8511, Japan

EN

01

Introduction

Before using Printlink5-IN / Printlink for DRYPRO (hereafter "Printlink5-IN"), be sure to read this manual and fully understand its content. This Operation Manual provides instructions for use and operation procedure to ensure safe operation.

This manual should be kept in a place handy for quick reference.



- **This document only describes the operation method of Printlink5-IN. Please refer to "DRYPRO MODEL 832 Operation Manual" or "DRYPRO MODEL 873 Operation Manual" and understand the basic functions and precautions of DRYPRO MODEL 832/873 before operating the product.**

Chapter 1

Safety Precautions and Warnings

1.1 Safety Precautions

When using Printlink5-IN, observe the safety precautions outlined below to ensure proper handling. Before using Printlink5-IN, be sure to read this manual and fully understand its content.

Replacing internal battery

When replacing the lithium battery contained in Printlink5-IN, please contact Konica Minolta technical representatives.

1.1.1 Instructions for Use



WARNING

- Precautions indicated or contained on this product or in this manual or other manuals for various equipment have been carefully examined, however, unpredictable situations could occur. When operating the product, follow instructions and always be alert.
- We will not be liable for the loss of important data such as patient data that you might incur from the introduction of Printlink5-IN. Thoroughly read this manual and be very careful when handling data.



CAUTION

- Follow instructions and procedures contained in this manual and other manuals for various equipment when operating the product.
- Be sure to observe the safety precautions indicated or contained on this product or in this manual or other manuals for various equipment. Failure to observe this caution can cause personal injury or damage to this product.
- Do not perform operation or motion other than those described in this document and other manuals for various equipment. If a problem arises in a product, contact us.



CAUTION

Printlink5-IN conforms to the following standard for interference from radio frequencies:

- **Class B of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI)**
- **Part 15 Class B of Federal Communications Commission (FCC)**

This product may cause radio interference during its use. In such cases, users may be required to take appropriate steps.

1.1.2 General Precautions



WARNING

- **Do not use the product with smoke, unusual noise or odor produced.**

If smoke, unusual odor or noise coming from this product is detected, immediately stop operation and remove the power plug from the outlet. Then, contact Konica Minolta technical representatives. If you continue to use it as is, it could cause a fire.

- **Do not insert a piece of wire or metal.**

Do not insert foreign matter such as a metal strip or wire through vent or floppy disk drive. Failure to observe this caution could cause an electric shock.



CAUTION

- **Do not put water or foreign matter in Printlink5-IN.**

Do not put liquid such as water or foreign matter such as a pin or clip in Printlink5-IN. Failure to observe this caution may cause a fire, electric shock or fault. If something gets into the device, immediately turn off the power switch and remove the power plug from the outlet. Do not attempt to take it apart. Contact Konica Minolta technical representatives.



CAUTION

- **Use the machine in a well-lit room.**
- **Restart the device on a regular basis.**
- **Before shutting down the machine or removing a disk, be sure to check that the hard disk access lamp is out.**
- **When turning the power OFF and then ON, wait at least 10 seconds before turning it back ON.**
- **Do not turn it off abruptly.**

Turning the power OFF while the program is running may damage system program or user data and result in system malfunction. Make sure to turn the power OFF after exiting from all application programs.

- **Do not attempt to change Windows settings or install other application programs.**

Failure to observe this caution could cause malfunction of the system.

- **Clean the machine on a regular basis.**

Cleaning the device periodically will prevent various problems from occurring.

1.1.3 Safety Precautions for Power Supply and Power Cable



WARNING

- **Do not handle the power plug with wet hands.**
Do not connect or disconnect the power plug with wet hands. It may cause an electric shock.
- **Do not connect the ground wire to a gas pipe.**
Never connect the ground wire to a gas pipe. Failure to observe this caution may cause a gas explosion.
To reduce the risk of fire or electric shock, observe the following:
- **Avoid exposure to liquid such as water. Prevent foreign matter such as a clip or pin from getting into the device. Failure to observe this could cause an electric shock or fault.**
- **Be sure to use the specified power cable.**
- **Use the power supply with sufficient capacities according to the specifications.**
- **Prevent dust and dirt from adhering to the power plug or its tip.**
- **If the power plug or power cable is hot, or if the plug is loosely fitted into a wall socket and the power plug is loose, avoid using the machine and contact Konica Minolta technical representatives.**



CAUTION

- **Do not use a power outlet other than the rated one.**
Plug the power cable directly into the specified wall outlet. Using a power supply other than the rated one may cause a fire or current leakage. Do not install the device where an extension cord is necessary.
- **Avoid star-burst connection.**
If the current passing through the wall outlet exceeds the rated value, the outlet may overheat, posing a fire hazard.
- **Do not use a power cable other than the specified one.**
Do not use a power cable other than the one that comes with this device. If the current passing through the power cable exceeds the rated value, the power cable may overheat, posing a fire hazard. To prevent fire or electric shock hazard caused by damaged power cable, observe the following instructions:
 - **Do not pull the cable portion.**
 - **Do not twist the power cable.**
 - **Do not bundle the power cable.**
 - **Do not secure the power cable with a stapler or other objects.**
 - **Do not pinch the power cable.**
 - **Do not place anything on the power cable.**
 - **Do not modify, work on, or repair the power cable.**
 - **Do not use a damaged power cable.**
Immediately replace the damaged power cable with the specified cable. For more information on replacement of power cable, contact Konica Minolta technical representatives.
- **Keep the power cable away from the heat-emitting appliances.**
- **If you do not plan to use the machine for an extended period of time, unplug the power cable from the outlet.**

1.1.4 Precautions for Installing, Moving, Storing, and Connecting



WARNING

- **Do not leave packing materials.**

Store the packaging materials used for the control panel of Printlink5-IN in a place to which patients' access is limited. Keep plastic bags away from infants, as they may cover their heads with them and suffocate.



CAUTION

- **Do not install the device in a place other than the specified area.**

Do not install Printlink5-IN in the following places or places other than those specified in this manual. Failure to do so may cause a fire.

- **Dusty place**
- **Place where the machine is exposed to direct sunlight**
- **Humid place, for example, near water heater**
- **Unstable place**
- **Poorly ventilated place**
- **Place where the machine is exposed to oily smoke or steam**
- **Place where there is a significant difference between brightness and darkness**
- **Place where the machine is subjected to high temperature, for example, near heater**
- **Do not place the machine directly on the floor.**

- **Do not connect or disconnect the interface cable with the power cable connected.**

Connect or disconnect the interface cable after unplugging the power cable from the wall outlet. If you touch a cable or connector with the power cable connected, short circuits may result in a fire even after the power switch is turned OFF.

- **Do not use an interface cable other than the specified one.**

Use an interface cable that is specified by Konica Minolta and check the connecting device and connectors before actually making connections. If the cable other than the specified one is used or if it is connected to a wrong device, short circuits may result in a fire. Observe the following instructions when handling and connecting an interface cable.

- **Do not use a damaged cable connector.**
- **Do not place anything on the cable.**
- **Do not use a damaged cable.**
- **Do not step on the cable.**
- **Do not use the machine with the cable loosely connected.**
- **Do not block the ventilating openings.**

Ventilating openings are provided on the front and back of the machine to release internal heat. Install the machine to keep a distance of at least 10 cm between the ventilating openings on the front and back of the machine and wall or other equipment.

CAUTION

- **Do not move the machine with the power cable or any other cable connected.**
The control panel of Printlink5-IN may drop or topple over if the power cable or other cables gets caught while moving, resulting in injuries.
- **Do not move Printlink5-IN even after turning the power switch OFF until it stops completely.**
Before moving Printlink5-IN or performing similar work that may shake the device to some degree, wait at least 30 seconds after turning the power OFF.

1.1.5 Maintenance Instructions

WARNING

- **Do not disassemble, repair, or modify the machine.**
Never disassemble, repair, or modify the machine. Failure to observe this caution may cause the machine to malfunction, resulting in a fire or electric shock. If the machine needs to be repaired, contact Konica Minolta technical representatives.
- **Do not remove lithium batteries.**
Printlink5-IN contains lithium batteries. Do not remove the lithium batteries. If you bring a lithium battery near fire or immerse it in water, it could cause an explosion. When the lithium battery wears out and the device does not operate properly, do not attempt to disassemble, replace or recharge the battery by yourself. Contact Konica Minolta technical representatives.
- **Do not perform maintenance with the power plug connected.**
Turn OFF the power and disconnect the power plug from the outlet before cleaning or maintaining Printlink5-IN. If you touch the components inside the device with the power cable connected, it may cause an electric shock even after the power is turned OFF. Disconnect the power plug once in a while and wipe off dust and dirt with a dry cloth. Dust or dirt built up on the power plug or power outlet could result in a fire.

CAUTION

- **Be careful of heated components.**
The built-in hard disk and other components in Printlink5-IN are extremely hot immediately after power is turned OFF.
- **Make secure connections.**
Connect the power cable, interface cable, and boards securely. If they are not connected securely, it can cause contact failure, resulting in smoke generation or fire.
- **Do not scratch or hit the device with a hard object.**
This may damage the device, resulting in failure.
- **Be sure to clean the inside of the machine.**
Contact Konica Minolta technical representatives and have the inside of Printlink5-IN cleaned once a year. Dust built up inside the machine may result in heat generation or fire.

1.1.6 Precautions for Use



WARNING

- **When it thunders, stop using the machine.**

When lightning is likely to occur, turn OFF the machine and unplug the power cable.

When it thunders before unplugging the power cable, do not touch the machine or any of the cables.

Otherwise it may cause a fire or electric shock.



CAUTION

- **Do not place a cup or glass of coffee, juice or other liquid on the device.**

If water, liquid substance, or metal gets in the machine, its operation poses a danger. Be careful to prevent foreign matter from getting into the machine.

- **Do not use the machine in a room where chemical agents are used or stored.**

- **Do not use a mobile phone, PHS or pager near the device.**

Make sure that the power of mobile phones, PHS or pagers is turned OFF in the vicinity of Printlink5-IN. Otherwise radio wave may cause the device to malfunction.

- **View the monitor at least 80 cm away.**

- **Do not use the machine continuously for extended periods.**

- **If you need to use the machine continuously for extended periods, take a 10- to 15-minute break every hour to give your eyes a break.**

Staring at the monitor continuously for long period of time causes eye fatigue.

- **Be mindful of the reception condition of the nearby radio or TV during operation of the machine.**

When used near a radio or TV, the device may generate noise in the radio or TV. In such cases, use the radio or TV by keeping it well away from this device.

- **Be extremely careful to prevent a virus from infecting the device in network connection or single connection.**

- **If the device is used and energized continuously for 24 hours, it will cause unstable operation of the system.**

Therefore, turn the power OFF at the end of work to maintain stable operation.

If the system is energized continuously for 24 hours out of necessity, turn the power OFF/ON once a week. If the device is energized continuously through 24 hours over a 14-day period, it will automatically reboot (restart) (when using the device without a monitor, always set automatic reboot to ON when installing the device). If the specified reboot setting time is reached during communication with the modality, ABORT is transmitted and the communication exits. Data cannot be received from the modality during reboot (approximately two minutes). However, items that have already been received and are displayed in the queue window of the Printlink5-IN window are preserved even if reboot is performed.

- **When using this device without a monitor, perform shutdown and startup of the Printlink5-IN using the power switch on the computer. If you do not notice that there is no monitor and the power is OFF, pressing and holding the switch longer will perform a forced shutdown. Therefore, take care not to press and hold the switch for more than 3 seconds.**

1.1.7 Instructions for Disposal

When disposing of Printlink5-IN, keep in mind the following:



CAUTION

- **Remove the lithium battery built into main unit before disposing of the main unit of Printlink5-IN.**
- **When disposing of the main unit of Printlink5-IN and LCD monitor, properly recycle it in accordance with the "Law for the Promotion of Effective Utilities of Resources (Revised Recycling Law)".**
- **The accessories must be disposed of as industrial waste.**
 - Printlink5-IN packaging materials
 - Lithium battery built in Printlink5-IN

Be sure to have them disposed of by licensed industrial waste disposal firm in accordance with the applicable ordinances and regulations of the local government.

Chapter 2

Starting and Exiting Printlink5-IN and Imager Power OFF Mode

2.1 Starting and Exiting Printlink5-IN

This section describes how to start and exit Printlink5-IN.

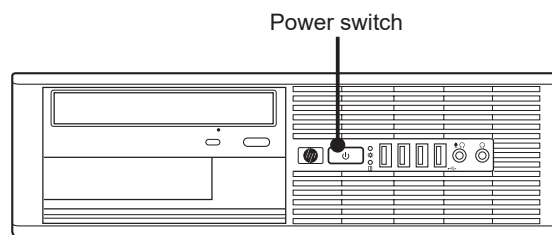


- If Printlink5-IN is used and energized continuously for 24 hours, it will cause unstable operation of the system. Therefore, to maintain safe operation, exit Printlink5-IN when work is finished. If the system is energized continuously for 24 hours out of necessity, exit/start Printlink5-IN once a week. If the device is energized continuously through 24 hours over a 14-day period, it will automatically reboot (restart) (when using the device without a monitor, always set automatic reboot to ON when installing the device). If the specified reboot setting time is reached during communication with the modality, ABORT is transmitted and the communication exits. Data cannot be received from the modality during reboot (approximately two minutes). However, items that have already been received and are displayed in the queue window of the Printlink5-IN window are preserved even if reboot is performed.
- When using this device without a monitor, perform shutdown and startup of the Printlink5-IN using the power switch on the computer. If you do not notice that there is no monitor and the power is OFF, pressing and holding the switch longer will perform a forced shutdown. Therefore, take care not to press and hold the switch for more than 3 seconds.

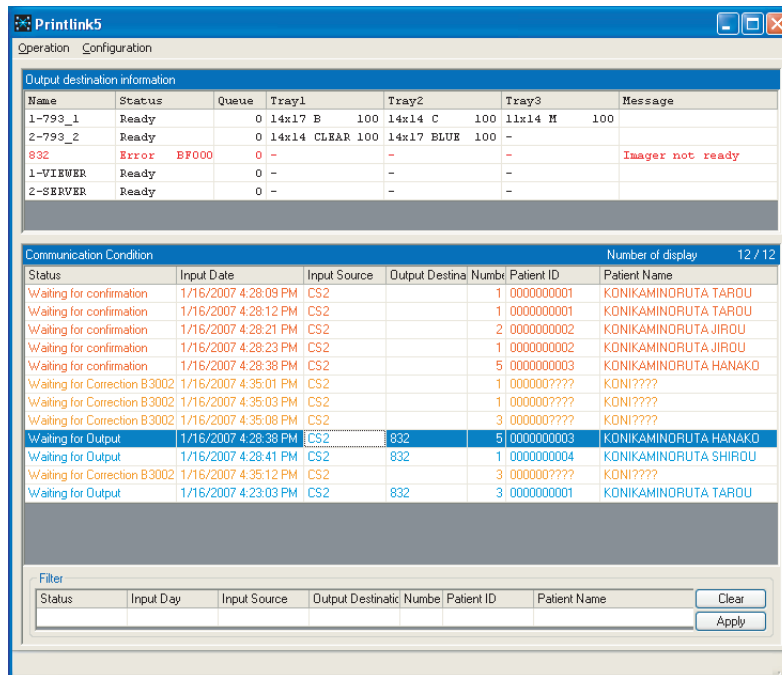
2.1.1 How to Start

To start Printlink5-IN, perform the following steps:

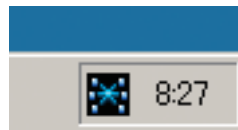
1 Turn on the power switch of Printlink5-IN.



The Printlink5-IN main window is displayed after Windows starts up.



The Printlink5-IN icon appears in the Windows task tray (in the lower right of the screen by default).



The icon changes according to communication condition as follows:

Icon	Meaning
	Communication condition is normal.
	There is a queue in the warning status.
	There is a queue in the error status.



- If the Printlink5-IN main window is not displayed during the start-up process, click the Printlink5-IN icon in the task tray. The main window appears.
- When closed by clicking the (Close) or (Minimize) button the main window is displayed by clicking the Printlink5-IN icon in the task tray.
- When Power OFF mode is set, the target imager also starts up.

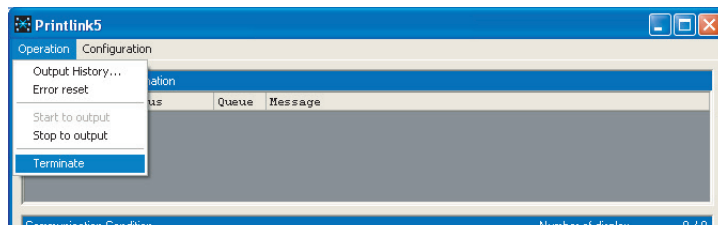


"2.2 Imager Power OFF Mode" (Page 17)

2.1.2 How to Exit

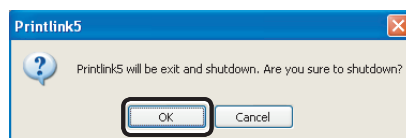
To exit Printlink5-IN, perform the following steps:

- 1** Choose **[Terminate]** from the **[Operation]** menu in the Printlink5-IN main window.



The confirmation message appears.

- 2** Click the **[OK]** button.



Printlink5-IN exits, and then Windows shuts down. The PC will be powered OFF.



- The queue displayed in [Communication Condition] when shutting down will be held until the next time the machine is restarted.
- When Power OFF mode is set, the target imager is also powered off.



"2.2 Imager Power OFF Mode" (Page 17)



- **Even if the Power OFF Mode is set to "ON", the power OFF function will not operate immediately after Windows has been shut down without selecting [Exit] from the [Operation] menu in the Printlink5-IN main window. In this case, the imager will be powered off in about 10 minutes after Printlink5-IN has been turned off.**

2.2 Imager Power OFF Mode

The imager connected to this machine can be powered on/off in synchronization with the starting/exiting of Printlink5-IN. This function is called Power OFF mode.

The following model of the imager supports Power OFF mode.

- Laser Imager DRYPRO MODEL 832
- Laser Imager DRYPRO MODEL 873

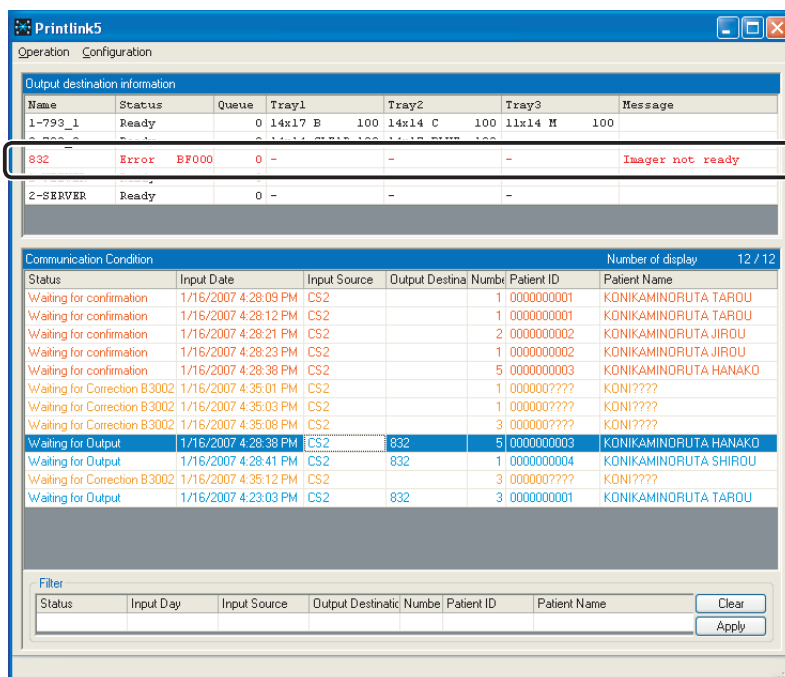
To power off in synchronization with DRYPRO MODEL 832/873, start Utility Tool, which performs maintenance of DRYPRO MODEL 832/873, from the Printlink5-IN main window and set Power OFF mode to "ON". Perform the following steps.

For more information on Utility Tool of DRYPRO MODEL 832/873, see Chapter 3 "Operation from 'Utility Tool' for Maintenance of DRYPRO MODEL 832/873".



- Even if the Power OFF Mode is set to "ON", the power OFF function will not operate immediately after Windows has been shut down without selecting [Exit] from the [Operation] menu in the Printlink5-IN main window. In this case, the imager will be powered off in about 10 minutes after Printlink5-IN has been turned off.

- 1 Double click the line displaying the DRYPRO 832 or 873 settings for the imager under [Output destination information] in the Printlink5-IN main window.



Utility Tool of DRYPRO MODEL 832/873 is started and the [Maintenance Menu] window (the next page) is displayed.

2 Click the [SYSTEM SETUP] button.

DRYPRO MODEL 832

The screenshot shows the 'Drypro832 Utility Tool (EN)' interface. It includes sections for STATUS (READY), TRAY INFO (8x10 B (30), 14x17 B (112)), DRYPRO INFO (DRYPRO MODEL 832 (10.14.8.134)), PRINT INFO (PRINT QUEUE / DELETE, TEST PRINT, QC PATTERN), FILM INFO (FILM DATA, FILM SETUP), and IMAGER INFO (SYSTEM SETUP, TIME LAYOUT, SYSTEM RESET). The 'SYSTEM SETUP' button is highlighted with a red rectangle.

DRYPRO MODEL 873

The screenshot shows the 'Drypro873 Utility Tool (EN)' interface. It includes sections for STATUS (READY, Calibration need), DRYPRO INFO (DRYPRO 873 (10.14.8.171)), TRAY INFO (14x17 B (21), 11x14 B (92) Calibration, 11x14 M (73) Calibration), PRINT INFO (PRINT QUEUE / DELETE, TEST PRINT, QC PATTERN), FILM INFO (FILM DATA, FILM SETUP), and IMAGER INFO (SYSTEM SETUP, TIME LAYOUT, SORTER SETUP). The 'SYSTEM SETUP' button is highlighted with a red rectangle.

The [SYSTEM SETUP] window appears.

3 Set [REMOTE POWER CONTROL] to "PW CONTROL FROM PC (WITH HEAT CONTROL)" or "PW CONTROL FROM PC (WITHOUT HEAT CONTROL)" and click the [SAVE] button.

DRYPRO MODEL 832

The screenshot shows the 'SYSTEM SETUP' window for the Drypro832. It includes fields for IMAGER NAME (NAME: DRYPRO832), IP ADDRESS (10, 14, 8, 142 (0-255)), SUBNET MASK (255, 255, 240, 0 (0-255)), DEFAULT GATEWAY (0, 0, 0, 0 (0-255)), MAC ADDRESS (00:50:AA:80:60:20), REMOTE POWER CONTROL (dropdown menu set to 'PW CONTROL FROM PC (WITH HEAT CONTROL)'), SLEEP MODE TIMER (ON/OFF radio buttons, 20 MIN (20-720)), and BUZZER (ON/OFF radio buttons). The 'SAVE' button is highlighted with a red rectangle.

DRYPRO MODEL 873

The screenshot shows the 'SYSTEM SETUP' window for the Drypro873. It includes fields for IMAGER NAME (NAME: DRYPRO 873), IP ADDRESS (10, 14, 8, 171 (0-255)), SUBNET MASK (255, 255, 240, 0 (0-255)), DEFAULT GATEWAY (10, 14, 0, 1 (0-255)), MAC ADDRESS (00:50:AA:8F:EF:31), REMOTE POWER CONTROL (dropdown menu set to 'PW CONTROL FROM PC (WITH HEAT CONTROL)'), SLEEP MODE TIMER (ON/OFF radio buttons, 20 MIN (20-720)), and BUZZER (ON/OFF radio buttons). The 'SAVE' button is highlighted with a red rectangle.

- Setting to "PW CONTROL FROM PC (WITH HEAT CONTROL)" reduces the warm-up period during the start-up process, because the temperature inside the main unit is maintained after the power is turned off.
- Setting to "PW CONTROL FROM PC (WITHOUT HEAT CONTROL)" does not control the temperature inside the main unit after the power is turned off.

The settings will be saved and the window will be closed.

4 Click the [BACK] button in the [Maintenance Menu] window.

DRYPRO MODEL 832

Drypro832 Utility Tool (EN)

STATUS: READY

TRAY INFO:
8x10 B (30) 14x17 B (112)
DRYPRO INFO:
DRYPRO MODEL 832 (10.14.8.134)

PRINT INFO:
PRINT QUEUE / DELETE TEST PRINT QC PATTERN

FILM INFO:
FILM DATA FILM SETUP

IMAGER INFO:
SYSTEM SETUP TIME LAYOUT SYSTEM RESET

BACK

DRYPRO MODEL 873

Drypro873 Utility Tool (EN)

STATUS: READY
Calibration need

DRYPRO INFO: DRYPRO 873 (10.14.8.171)

TRAY INFO:
14x17 B (21)
11x14 B (92) Calibration
11x14 M (73) Calibration

PRINT INFO:
PRINT QUEUE / DELETE TEST PRINT QC PATTERN

FILM INFO:
FILM DATA FILM SETUP

IMAGER INFO:
SYSTEM SETUP TIME LAYOUT SORTER SETUP

BACK

Utility Tool of DRYPRO MODEL 832/873 will exit and the [Maintenance Menu] window will be closed.

Chapter 3

Operation from “Utility Tool” for Maintenance of DRYPRO MODEL 832/873

3.1 Starting and Exiting Utility Tool

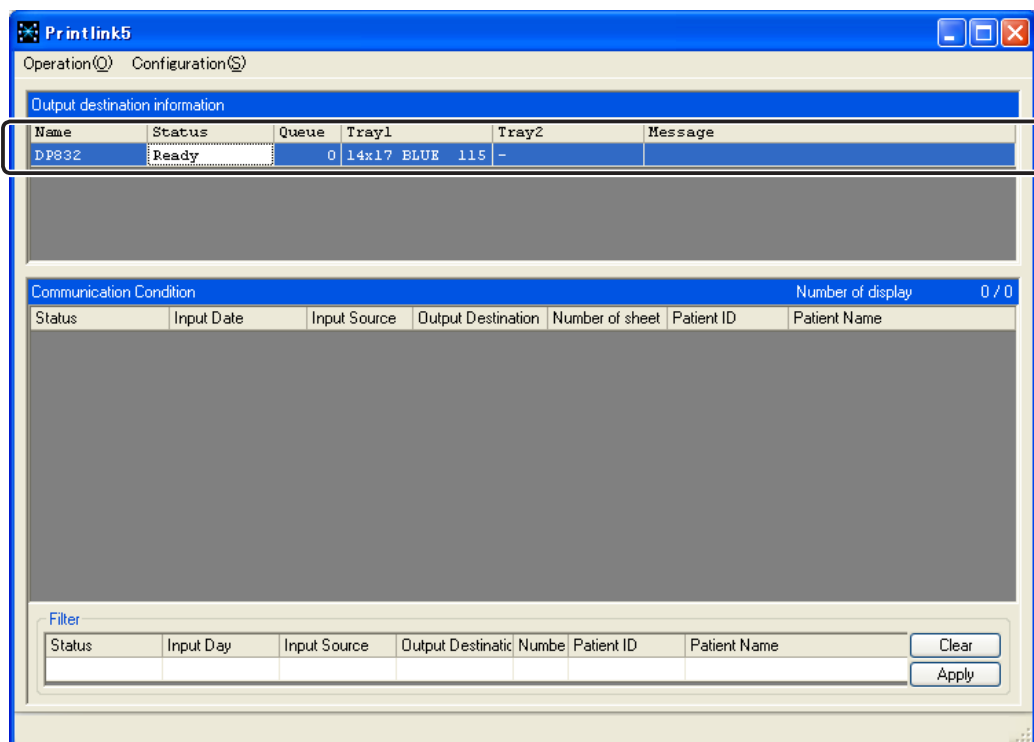
Printlink5-IN is equipped with an application called Utility Tool, which performs maintenance of DRYPRO MODEL 832/873.

This section provides an explanation about how to start and exit DRYPRO MODEL 832/873 Utility Tool.

3.1.1 How to Start Utility Tool

To start Utility Tool from Printlink5-IN, perform the following steps:

- 1** Double-click the line displaying the DRYPRO MODEL 832 or 873 in [Output Destination information] in the Printlink5-IN main window.



The [Maintenance Menu] window of Utility Tool is displayed.



"3.2 Maintenance Menu Window" (Page 24)


3.1.2 How to Exit Utility Tool

To exit Utility Tool, perform the following steps.

- 1 Click the [BACK] button in the [Maintenance Menu] window of Utility Tool.

DRYPRO MODEL 832

Drypro832 Utility Tool (EN)



STATUS: READY

TRAY INFO.: 14X17 B (115)

DRYPRO INFO.: DP832 (192.168.20.161)

PRINT INFO.

PRINT QUEUE / DELETE
TEST PRINT
QC PATTERN

FILM INFO.

FILM DATA
FILM SETUP

IMAGER INFO.

SYSTEM SETUP
TIME LAYOUT
SYSTEM RESET

BACK

DRYPRO MODEL 873

Drypro873 Utility Tool (EN)

STATUS: READY

Calibration need.

DRYPRO INFO.: DRYPRO 873 (10.14.8.171)

TRAY INFO.: 14X17 B (21)

11X14 B (92) Calibration.

11X14 M (73) Calibration.

PRINT INFO.

PRINT QUEUE / DELETE
TEST PRINT
QC PATTERN

FILM INFO.

FILM DATA
FILM SETUP

IMAGER INFO.

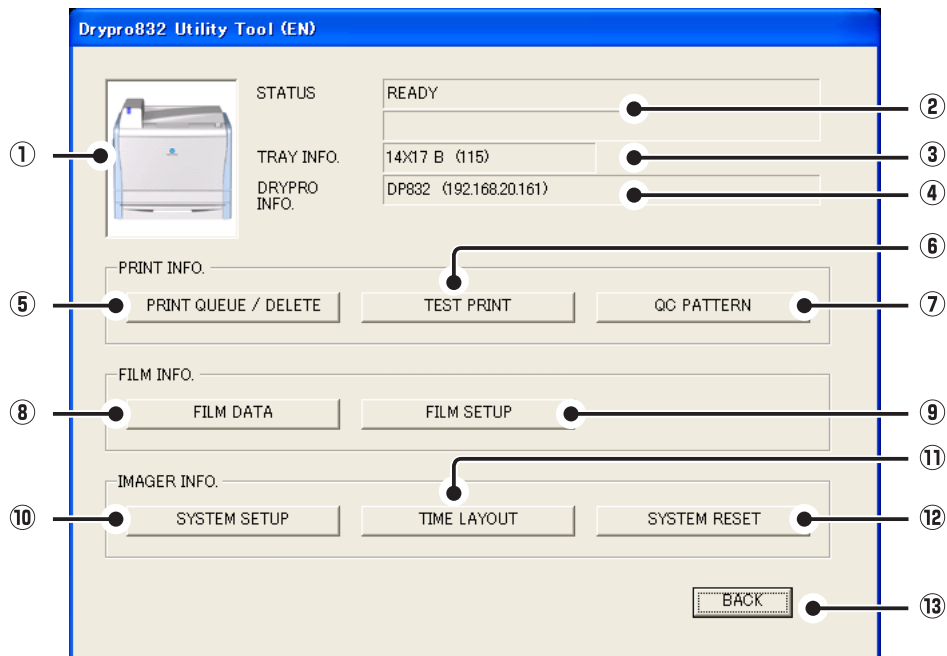
SYSTEM SETUP
TIME LAYOUT
SORTER SETUP

BACK

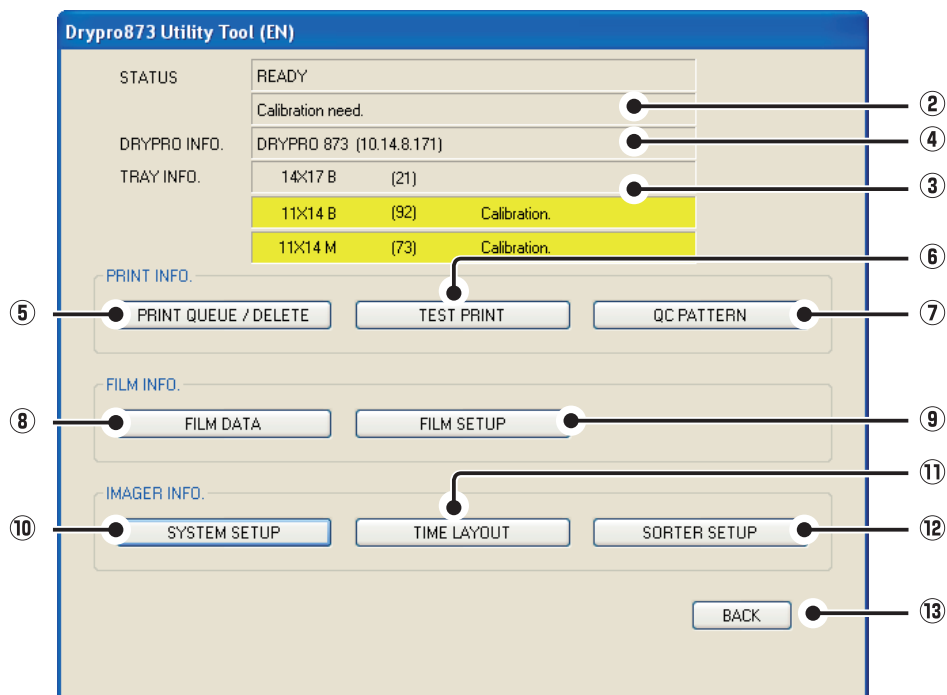
3.2 Maintenance Menu Window

This section describes the [Maintenance Menu] window of DRYPRO MODEL 832/873 Utility Tool.

DRYPRO MODEL 832



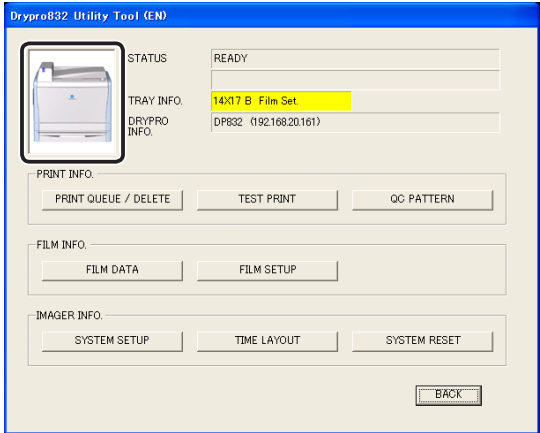
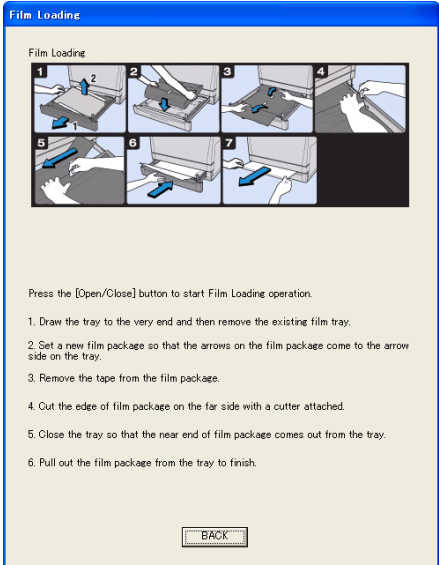
DRYPRO MODEL 873




Num-ber	Item	Description	Refer to
①	DRYPRO 832 Icon	When an error occurs, clicking this icon shows the [Solutions] window.	3.3 Solutions Window (Page 26)
②	STATUS	Shows the current status of this machine.	See "Laser Imager DRYPRO MODEL 832/873 OPERATION MANUAL".
③	TRAY INFO.	The size and type of film loaded is shown.	See "Laser Imager DRYPRO MODEL 832/873 OPERATION MANUAL".
④	DRYPRO INFO.	The name and IP address set are displayed.	—
	PRINT INFO.		3.4 Print Information (Page 28)
⑤	[PRINT QUEUE/DELETE] button	Clicking this button shows the [PRINT QUEUE/DELETE] window.	3.4.1 Print Queue/Delete (Page 28)
⑥	[TEST PRINT] button	Clicking this button shows the [TEST PRINT] view. You can print the QC patterns to control density.	3.4.2 Test Print (Page 30)
⑦	[QC PATTERN] button	Clicking this button shows the [QC PATTERN] view. You can check the reference value and results of QC patterns.	3.4.3 QC Pattern (Page 32)
	FILM INFO.		3.5 Film and Tray Information (Page 35)
⑧	[FILM DATA] button	Clicking this button shows the [FILM DATA] window.	3.5.1 Film Data (Page 35)
⑨	[FILM SETUP] button	Clicking this button shows the [FILM SETUP] window. Specify the film size, type and the number of sheets.	3.5.2 Film Setup (Page 37)
	IMAGER INFO.		3.6 Information (Page 40)
⑩	[SYSTEM SETUP] button	Clicking this button shows the [SYSTEM SETUP] window. You can make network and sleep settings.	3.6.1 System Setup (Page 40)
⑪	[TIME LAYOUT] button	Clicking this button shows the [TIME LAYOUT] view. You can set the date and time display format.	3.6.2 Time Layout (Page 43)
⑫	[SYSTEM RESET] button	Deletes all jobs.	3.6.3 System Reset (Page 45)
⑬	[BACK] button	Exits Utility Tool.	3.1.2 How to Exit Utility Tool (Page 23)
⑭	[SORTER SETUP]	Clicking this button shows the [SORTER SETUP] window. Specify various settings of sorter (optional).	3.6.4 Sorter Setup (Page 46)

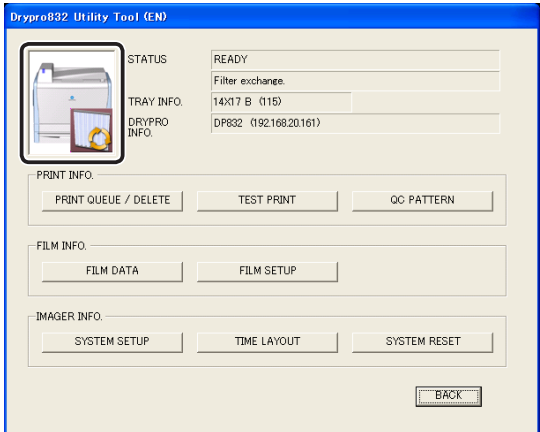
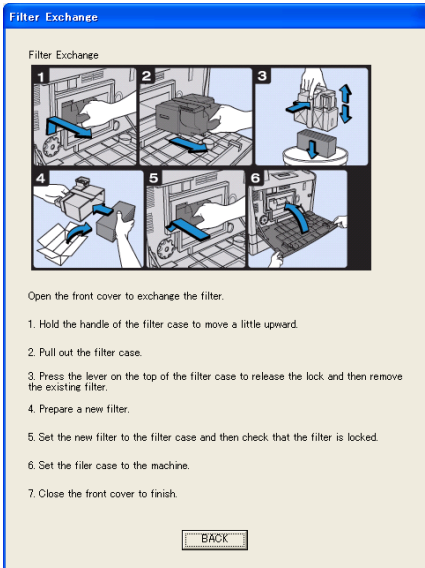
3.3 Solutions Window


For DRYPRO 832, when film runs out, filter needs to be changed, or a film jam occurs, click the icon on the top left of the [Maintenance Menu] window to display the window showing solutions appropriate to the situation.

Display of the [Maintenance Menu] Window	Appropriate Solutions Window
<p>When film runs out</p> 	

 See "Laser Imager DRYPRO MODEL 832 OPERATION MANUAL".

When filter change is required

	
---	--


 See "Laser Imager DRYPRO MODEL 832 OPERATION MANUAL".

Display of the [Maintenance Menu] Window

Appropriate Solutions Window

When a film jam occurs in the heat process unit

Drypro832 Utility Tool (EN)



STATUS	ERROR
	[E4611]Film jam occurred.
TRAY INFO.	14x17 B (111)
DRYPRO INFO.	DP832 (192.168.20.161)

PRINT INFO.

PRINT QUEUE / DELETE TEST PRINT QC PATTERN

FILM INFO.


FILM DATA FILM SETUP

IMAGER INFO.

SYSTEM SETUP TIME LAYOUT SYSTEM RESET

BACK

Film Jam



Film Jam

Open the front cover to remove a jammed film.

1. Rotate the handle at the lower left of the machine in clockwise direction until the film leading edge comes out.
2. Remove the jammed film and then close the front cover to finish.


BACK



See "Laser Imager DRYPRO MODEL 832 OPERATION MANUAL".

When a film jam occurs between the supply tray and the position regulation unit

Drypro832 Utility Tool (EN)



STATUS	ERROR
	[E4412]Film jam occurred.
TRAY INFO.	14x17 B (114)
DRYPRO INFO.	DP832 (192.168.20.161)

PRINT INFO.

PRINT QUEUE / DELETE TEST PRINT QC PATTERN

FILM INFO.

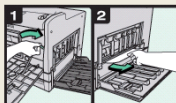
FILM DATA FILM SETUP

IMAGER INFO.

SYSTEM SETUP TIME LAYOUT SYSTEM RESET

BACK

Film Jam



Film Jam

Open the front cover to remove a jammed film.

1. Move the lever at the middle right upward to open the right cover.
2. Remove the jammed film and then close the right and front cover to finish.

BACK



See "Laser Imager DRYPRO MODEL 832 OPERATION MANUAL".

3.4 Print Information

You can display the job list or delete a job from the Utility Tool. As well as you can print a test print to control density.

3.4.1 Print Queue/Delete

You can check the status and information of print job in DRYPRO MODEL 832/873 or delete print job.

- 1 Click the [PRINT QUEUE/DELETE] button in the [Maintenance Menu] window.

DRYPRO MODEL 832

Drypro832 Utility Tool (EN)

STATUS: READY

TRAY INFO: 8x10 B (30) 14x17 B (112)

DRYPRO INFO: DRYPRO MODEL 832 (10.14.8.134)

PRINT INFO:

PRINT QUEUE / DELETE TEST PRINT QC PATTERN

FILM INFO:

FILM DATA FILM SETUP

IMAGER INFO:

SYSTEM SETUP TIME LAYOUT SYSTEM RESET

BACK

DRYPRO MODEL 873

Drypro873 Utility Tool (EN)

STATUS: READY

Calibration need

DRYPRO INFO: DRYPRO 873 (10.14.8.171)

TRAY INFO: 14x17 B (21)

11x14 B (92) Calibration

11x14 M (73) Calibration

PRINT INFO:

PRINT QUEUE / DELETE TEST PRINT QC PATTERN

FILM INFO:

FILM DATA FILM SETUP

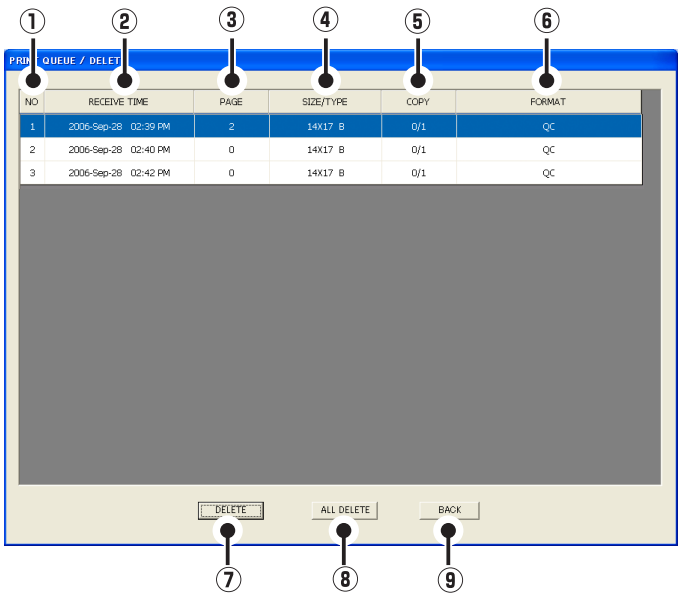
IMAGER INFO:

SYSTEM SETUP TIME LAYOUT SORTER SETUP

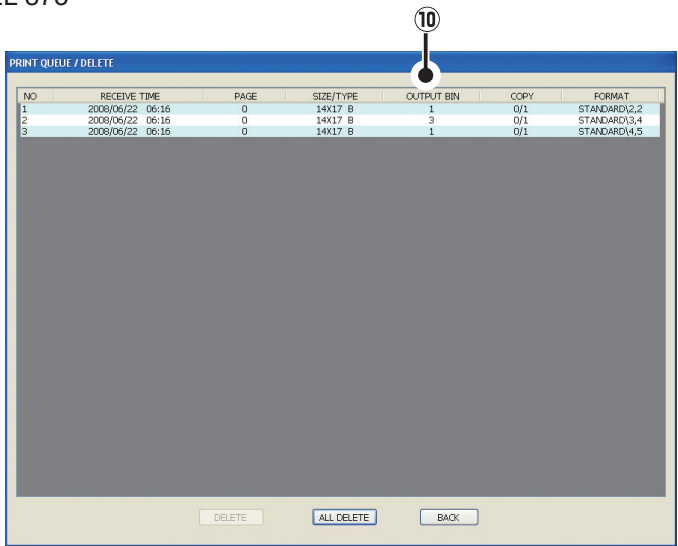
BACK

The [PRINT QUEUE/DELETE] window appears.

DRYPRO MODEL 832



DRYPRO MODEL 873



Num-ber	Item	Description
①	NO	The item number of print job is shown.
②	RECEIVE TIME	Shows the date and time at which an image was received.
③	PAGE	Output film serial number assigned by diagnostic system is displayed.
④	SIZE/TYPE	The size and type of film to be output is shown.
⑤	COPY	Printed/number of copies is shown.
⑥	FORMAT	The number of frames is shown.
⑦	[DELETE] button	Clicking this button deletes the selected job.
⑧	[ALL DELETE] button	Clicking this button deletes all jobs displayed.
⑨	[BACK] button	Clicking this button returns you to the [Maintenance Menu] window.
⑩	OUTPUT BIN	The sorter bin of the output destination is shown.

2 Click the [BACK] button.

The display is restored to the [Maintenance Menu] window.

3.4.2 Test Print

When test print is performed, the QC pattern for evaluating the image quality is printed and the density of the QC pattern is measured with the built-in densitometer at the same time and the density is automatically checked. You can check the image quality for problems by visually checking the printed QC patterns. Perform test print by supply tray (if Lispl-832 is installed).

This section describes how to print QC patterns from Utility Tool. For the overall test print function and the method for judging the results after printing QC patterns, see "Laser Imager DRYPRO MODEL 832/873 OPERATION MANUAL".



- You can also print QC patterns from the operation panel of the main unit.

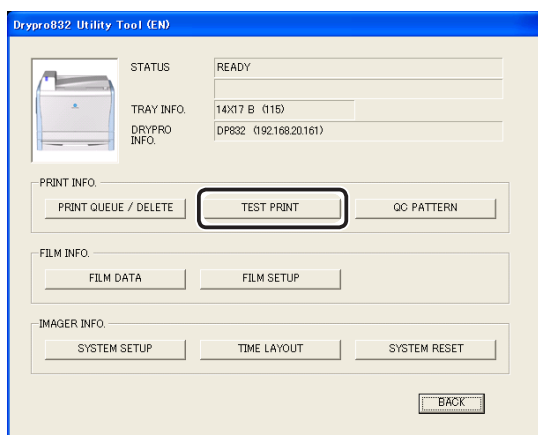


See "Laser Imager DRYPRO MODEL 832/873 OPERATION MANUAL".

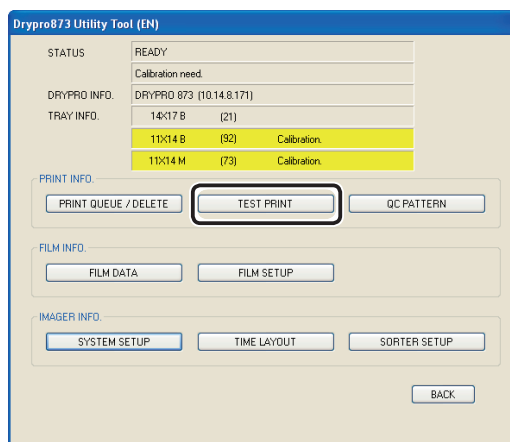
To print QC patterns, perform the following steps.

1 Click the [Test Print] button in the [Maintenance Menu] window.

DRYPRO MODEL 832

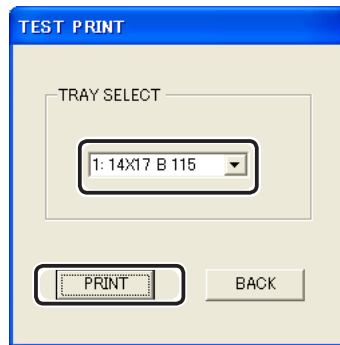


DRYPRO MODEL 873



The [TEST PRINT] view appears.

- 2** Select the tray you want to use from [TRAY SELECT] and click the [PRINT] button.

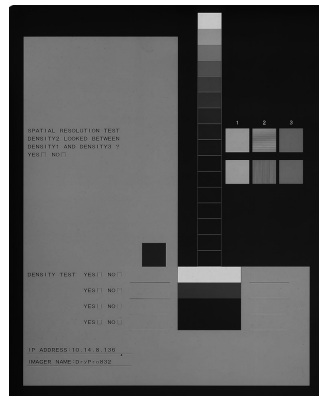


3



- Clicking the [BACK] button returns you to the [Maintenance Menu] window without outputting QC patterns.

The QC patterns as shown below are outputted and the display is returned to the [Maintenance Menu] window.



3.4.3 QC Pattern

The value of the QC pattern read with the densitometer built into DRYPRO MODEL 832/873 is shown. If the value read is within the limit of the preset reference value (OK), the reading is shown in blue, if it is outside the limit of reference value (NG), it is shown in red.

For the overall test print function and the method for judging the results after printing QC patterns, see "Laser Imager DRYPRO MODEL 832/873 OPERATION MANUAL".



- If the result of QC patterns is "NG", perform calibration.



See "Laser Imager DRYPRO MODEL 832/873 OPERATION MANUAL"



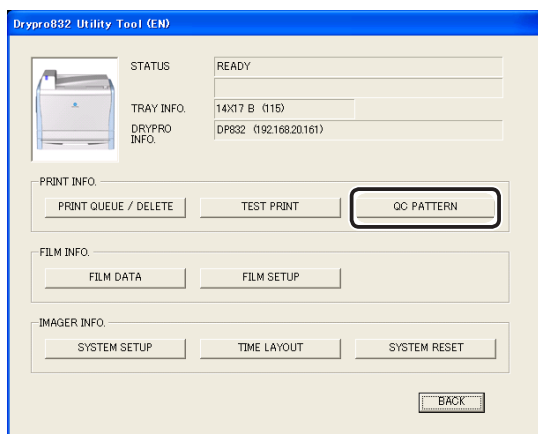
- You can also check the results of QC patterns on the operation panel of the main unit.



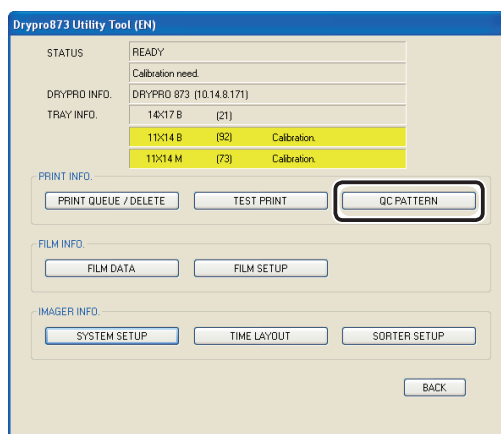
See "Laser Imager DRYPRO MODEL 832/873 OPERATION MANUAL".

1 Click the [QC Pattern] button in the [Maintenance Menu] window.

DRYPRO MODEL 832



DRYPRO MODEL 873



The [QC PATTERN] view is displayed.

The screenshot shows the 'QC PATTERN' screen. At the top, there is a 'TRAY SELECT' dropdown menu set to '1. FILM TYPE B' (callout 1). Below it, a 'BASE/RANGE(STEP1-STEP4)' section shows a table with columns for DATE, STEP1, STEP2, STEP3, and STEP4. The first row shows '2006/NOV/13 18:42' and values 020, 121, 221, 299. The second row shows '005', '020', '020', '020' (callout 2). A 'RESET' button is located below this table (callout 3). Below the RESET button is another table with the same columns. The first row shows '2006/NOV/13 18:42' and values 020, 122, 221, 300. The second row shows '2006/NOV/13 18:41' and values 020, 122, 222, 298. The third row shows '2006/NOV/13 18:40' and values 020, 120, 221, 298 (callout 4). At the bottom, there is a 'CSV FILE OUTPUT' button (callout 5) and a 'BACK' button (callout 6).

Num-ber	Item	Description
①	TRAY SELECT	Select the target supply tray.
②	BASE/RANGE	The date and time at which the reference value was set, reference value, and error range are displayed.
③	[RESET] button	Clicking this button resets a reference value.
④	QC PATTERN	A maximum of 60 QC patterns from new ones are displayed. If the value of the results is "OK", it is shown in blue, if it is "NG", it is shown in red.
⑤	[CSV FILE OUTPUT] button	Clicking this button outputs the QC pattern results to a CSV format file.
⑥	[BACK] button	Clicking this button returns you to the [Maintenance Menu] window.



- The showing density values are rounded to the showing digit. Therefore, same values may mean different results.

2 Click the [BACK] button.

The display is returned to the [Maintenance Menu] window.

Resetting Reference Value

In the following cases, a reference value for density check needs to be reset.

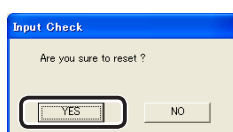
- **When the film type has been changed**
- **When QC patterns have not been printed in the last three months or more**
- **When a week or more has elapsed without printing QC patterns three times at the time of setting a reference value**

To reset the reference value, perform the following steps.

- 1 Click the [RESET] button in the [QC PATTERN] view.**

The confirmation message is displayed.

- 2 Click the [YES] button.**



The reference value is reset.



- **If the reference value was reset, print QC patterns three times and reset the reference value.**



See "Laser Imager DRYPRO MODEL 832/873 OPERATION MANUAL"

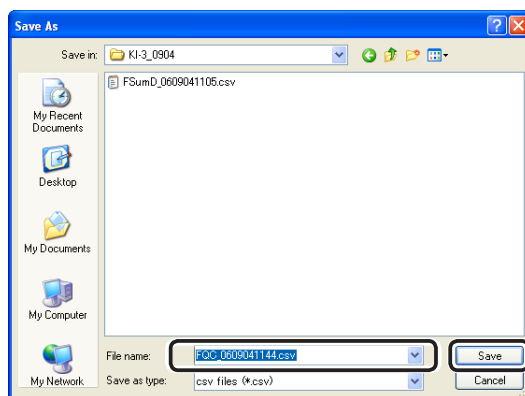
CSV File Output

The QC pattern can be output as a CSV format file.

- 1 Click the [CSV FILE OUTPUT] button in the [QC PATTERN] view.**

The [Save As] window is displayed.

- 2 Specify the location and name where the file is saved, and then click the [Save] button.**



The CSV file will be saved.

3.5 Film and Tray Information

You can check the number of sheets of film output to DRYPRO MODEL 832/873 and film information set for the tray.

3.5.1 Film Data

You can count and check the number of sheets of film on a daily, weekly or monthly basis. In addition, the counted data can be output as a CSV file.

- 1 Click the **[FILM DATA]** button in the **[Maintenance Menu]** window.

DRYPRO MODEL 832

Drypro832 Utility Tool (EN)

STATUS: READY

TRAY INFO: 14X17 B (115)

DRYPRO INFO: DP832 (192.168.20.161)

PRINT INFO:

PRINT QUEUE / DELETE TEST PRINT QC PATTERN

FILM INFO:

FILM DATA FILM SETUP

IMAGER INFO:

SYSTEM SETUP TIME LAYOUT SYSTEM RESET

BACK

DRYPRO MODEL 873

Drypro873 Utility Tool (EN)

STATUS: READY

Calibration need.

DRYPRO INFO: DRYPRO 873 (10.14.8.171)

TRAY INFO:

14X17 B	(21)
11X14 B	(92) Calibration.
11X14 M	(73) Calibration.

PRINT INFO:

PRINT QUEUE / DELETE TEST PRINT QC PATTERN

FILM INFO:

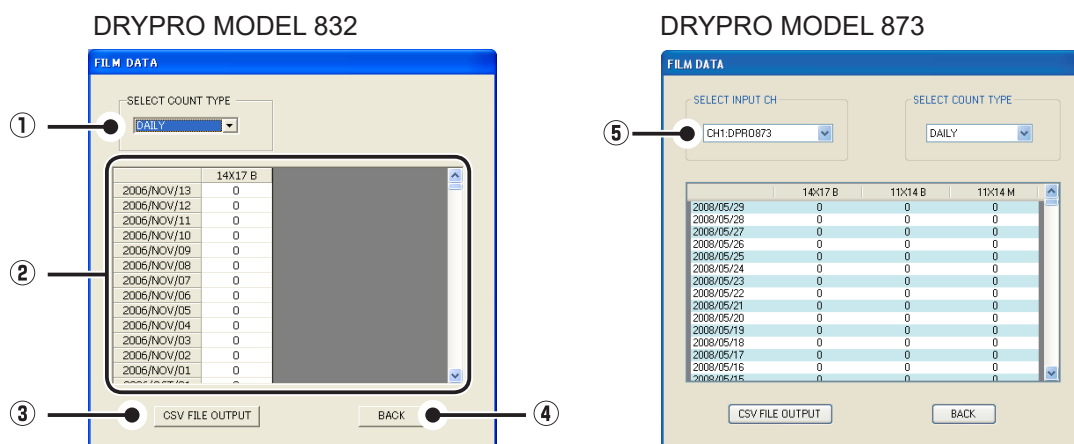
FILM DATA FILM SETUP

IMAGER INFO:

SYSTEM SETUP TIME LAYOUT SORTER SETUP

BACK

The **[FILM DATA]** window (the next page) is displayed.



Number	Item	Description
①	SELECT COUNT TYPE	Select the counting unit. <ul style="list-style-type: none"> • “Daily”: 365 days’ data counted daily is displayed. • “Weekly”: 52 weeks’ data counted weekly is displayed. • “Monthly”: 12 months’ data counted monthly is displayed.
②	NUMBER OF SHEETS OF FILM COUNTING RESULT	The number of sheets of film in each supply tray is displayed in counting unit specified in [SELECT COUNT TYPE]. However, prints of the calibration sheet and QC patterns are not included.
③	[CSV FILE OUTPUT] button	Clicking this button outputs data as a CSV format file.
④	[BACK] button	Clicking this button returns you to the [Maintenance Menu] window.
⑤	SELECT INPUT DEVICE	From the pull-down menu, select the input device to display.



- The time of counting daily is fixed at 23:59:59.
- Weekly count is set to the total from Sunday to Saturday while the monthly count date is set to the final day of the month.

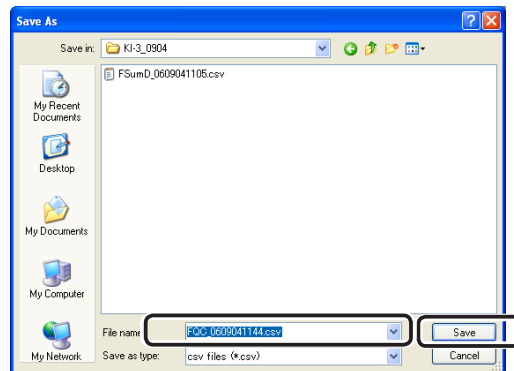
2 Click the [BACK] button.

The display is returned to the [Maintenance Menu] window.

CSV File Output

Data can be output as a CSV format file.

- 1** Click the **[CSV FILE OUTPUT]** button in the **[FILM DATA]** window.
The **[Save As]** window is displayed.
- 2** Specify the location and name where the file is saved, and then click the **[Save]** button.



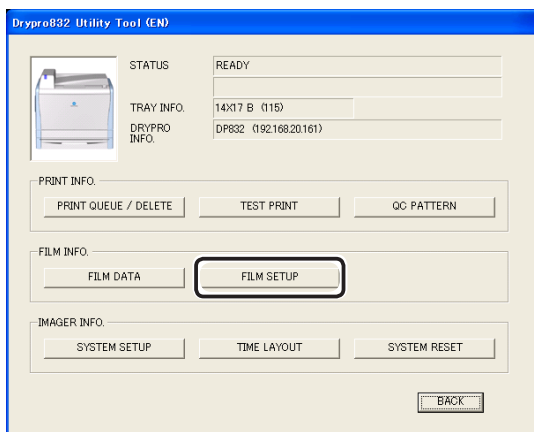
The CSV file will be saved.

3.5.2 Film Setup

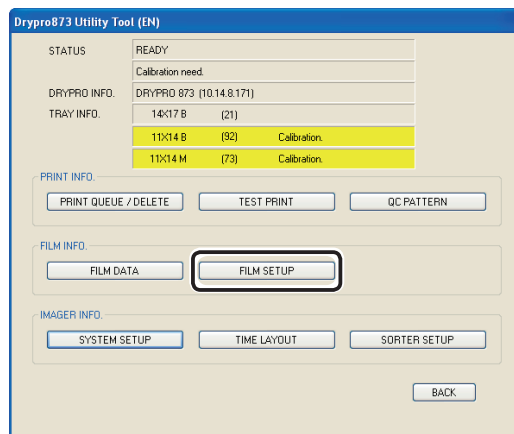
Set the film size and type for the tray of DRYPRO MODEL 832/873.

- 1** Click the **[FILM SETUP]** button in the **[Maintenance Menu]** window.

DRYPRO MODEL 832



DRYPRO MODEL 873



The **[FILM SETUP]** window (the next page) is displayed.

2 Make necessary settings.

DRYPRO MODEL 832

DRYPRO MODEL 873

Num-ber	Item	Description
①	TRAY USE	If an optional Lispl-832 (DRYPRO MODEL 832) or Lispl-873 (DRYPRO MODEL 873) is installed, specify whether or not the supply tray is used. You cannot change when jobs are displayed in the [PRINT QUEUE/DELETE] window. "ON": Supply tray is used. "OFF": Supply tray is not used.
②	FILM SIZE	Select from below: You cannot change when jobs are displayed in the [PRINT QUEUE/DELETE] window. (14×17), (14×14), (11×14), (10×12), (8×10)
③	FILM TYPE	Select from below: You cannot change when jobs are displayed in the [PRINT QUEUE/DELETE] window. DRYPRO MODEL 832: "B" (BLUE), "C" (CLEAR), "HB" (HIGH BLUE) DRYPRO MODEL 873: "B" (BLUE), "C" (CLEAR), "M" (MAMMOGRAPHY)
④	COUNT	The current number of sheets of film is shown.
⑤	SHEETS OF PACKAGE	Select from below: "NORMAL PACKAGE", "SMALL PACK"
⑥	[SAVE] button	Clicking this button saves the settings and returns you to the [Maintenance Menu] window.
⑦	[BACK] button	Clicking this button returns you to the [Maintenance Menu] window without saving the settings.



- If you make settings different from the film size and type of film loaded in the tray, an output of correct image may not be produced. Do not make settings different from information of film loaded in the tray.
- If you make settings different from the package you are currently using, it may cause a pickup error or film fog. Do not change the settings without due reason.
- If the film type has been changed, reset the reference value of QC patterns and newly set the reference value.



See "Laser Imager DRYPRO MODEL 832/873 OPERATION MANUAL".



For the [PRINT QUEUE/DELETE] window, see "3.4.1 Print Queue/Delete" (Page 28).

3 Click the [SAVE] button.

Clicking this button saves the settings and returns you to the [Maintenance Menu] window.

3.6 Information

You can make system settings of DRYPRO MODEL 832/873 main unit, date and time layout settings, and delete all jobs using system reset.

3.6.1 System Setup

Change settings on the name of the DRYPRO MODEL 832/873 main unit and the network, and make settings on Power Off Mode and sleep function.

- 1 Click the [SYSTEM SETUP] button in the [Maintenance Menu] window.

DRYPRO MODEL 832

Drypro832 Utility Tool (EN)

STATUS: READY

TRAY INFO: 14x17 B (115)

DRYPRO INFO: DP832 (192.168.20.161)

PRINT INFO:

PRINT QUEUE / DELETE TEST PRINT QC PATTERN

FILM INFO:

FILM DATA FILM SETUP

IMAGER INFO:

SYSTEM SETUP TIME LAYOUT SYSTEM RESET

BACK

DRYPRO MODEL 873

Drypro873 Utility Tool (EN)

STATUS: READY

Calibration need

DRYPRO INFO: DRYPRO 873 (10.14.8.171)

TRAY INFO: 14x17 B (21)

11x14 B (92) Calibration

11x14 M (73) Calibration

PRINT INFO:

PRINT QUEUE / DELETE TEST PRINT QC PATTERN

FILM INFO:

FILM DATA FILM SETUP

IMAGER INFO:

SYSTEM SETUP TIME LAYOUT SORTER SETUP

BACK

The [SYSTEM SETUP] window (the next page) is displayed.

2 Make necessary settings.

DRYPRO MODEL 832

DRYPRO MODEL 873

Num-ber	Item	Description
①	NAME	Make and check settings on the name of this machine (within 16 characters) to be displayed on Printlink5-IN.
②	IP ADDRESS	DRYPRO MODEL 832: Check settings on IP address for this machine. DRYPRO MODEL 873: Displayed only. Cannot be set.
③	SUBNET MASK	DRYPRO MODEL 832: Check settings on subnet mask for this machine. DRYPRO MODEL 873: Displayed only. Cannot be set.
④	DEFAULT GATEWAY	DRYPRO MODEL 832: Check settings on default gateway for this machine. DRYPRO MODEL 873: Displayed only. Cannot be set.
⑤	MAC ADDRESS	The MAC address of this machine is displayed.
⑥	REMOTE POWER CONTROL	Make and check settings on Power Off Mode with Printlink5-IN. "OFF" DRYPRO MODEL 832: Not use of Power Off Mode DRYPRO MODEL 873: Not use the Power Off Mode function "[PW CONTROL FROM PC (WITH HEAT CONTROL)]" DRYPRO MODEL 832: Use of Power Off Mode (Since the temperature inside the main unit is maintained after power is turned off, the warm-up period during the startup process can be reduced.) DRYPRO MODEL 873: Use of Power Off Mode function from PC (Since the temperature inside the main unit is maintained after power is turned off, the warm-up period during the startup process is about 3 minutes.) "[PW CONTROL FROM PC (WITHOUT HEAT CONTROL)]" DRYPRO MODEL 832: Use of Power Off Mode (The temperature inside the main unit is not controlled after power is turned off.) DRYPRO MODEL 873: Use of Power Off Mode function from PC (Since the temperature inside the main unit is not controlled after power is turned off, the warm-up period during the startup process is about 10 minutes.) "PW CONTROL FROM MAIN UNIT" DRYPRO MODEL 873: Use of Power Off Mode function from main unit (Since the temperature of the main unit is not controlled when it is shut down, the warm-up period during the startup process is about 10 minutes.) (Since the temperature inside the main unit is maintained when the waiting mode is performed from the operation panel of the main unit, the warm-up period during the startup process is about 3 minutes.)
⑦	SLEEP MODE TIMER	Make and check settings on sleep mode. "ON": Switches to sleep mode after the set period. "OFF": Not switches to sleep mode. Make and check settings on the time of switching to sleep mode (20 to 720 minutes).
⑧	BUZZER	Make and check settings on buzzer sound. "ON": Sound "OFF": Silent

⑨	[SAVE] button	Clicking this button saves the settings and returns you to the [Maintenance Menu] window.
⑩	[BACK] button	Clicking this button returns you to the [Maintenance Menu] window without saving the settings.

3 Click the [SAVE] button.

Clicking this button saves the settings and returns you to the [Maintenance Menu] window.

3.6.2 Time Layout

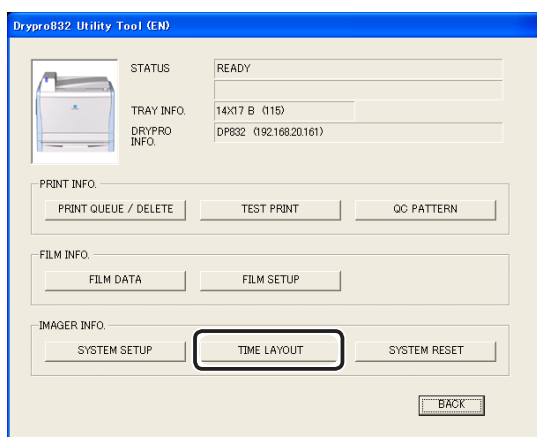
You can make and check settings on the date and time of the stamp contents to be output onto film.



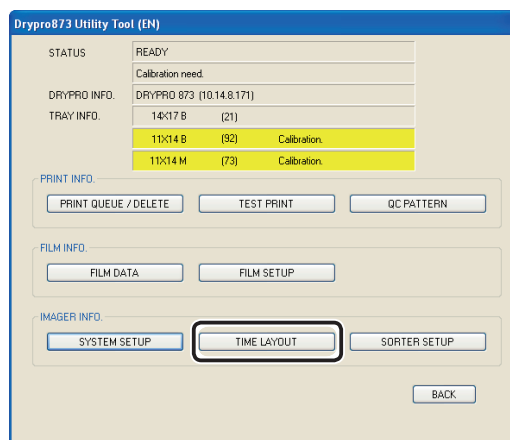
- The time of the DRYPRO MODEL 832/873 main unit can be automatically adjusted to the time of the connected Printlink5-IN.

1 Click the [TIME LAYOUT] button in the [Maintenance Menu] window.

DRYPRO MODEL 832

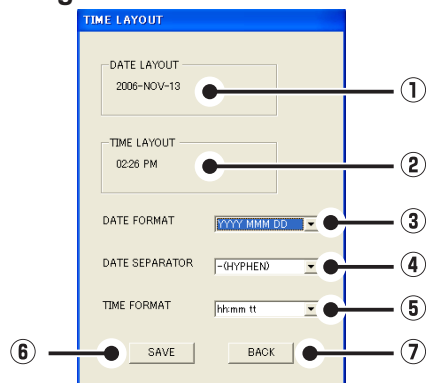


DRYPRO MODEL 873



The [TIME LAYOUT] view (the next page) is displayed.

2 Make necessary settings.



Num-ber	Item	Description
①	DATE LAYOUT	The format selected in the [DATE FORMAT] and [DATE SEPARATOR] is displayed.
②	TIME LAYOUT	The format selected in the [TIME FORMAT] is displayed.
③	DATE FORMAT	Select [DATE FORMAT] from below. "YYYY MM DD": Year/Month (Two-digit number)/Day "MM DD YYYY": Month/Day (Two-digit number)/Year "DD MM YYYY": Day/Month/(Two-digit number)/Year "YYYY MMM DD": Year/Month (Three alphabetic characters)/Day "MMM DD YYYY": Month (Three alphabetic characters)/Day/Year "DD MMM YYYY": Day/Month (Three alphabetic characters)/Year
④	DATE SEPARATOR	Select [DATE SEPARATOR] from below. /(SLASH) -(HYPHEN) .(PERIOD) _(SPACE)
⑤	TIME FORMAT	Select [TIME FORMAT] from below. "hh:mm" :Hour:Minute "tt hh:mm" :AM/PM Hour:Minute "hh:mm tt" :Hour:Minute AM/PM
⑥	[SAVE] button	Clicking this button saves the settings and returns you to the [Maintenance Menu] window.
⑦	[BACK] button	Clicking this button returns you to the [Maintenance Menu] window without saving the settings.

3 Click the [SAVE] button.

Clicking this button saves the settings and returns you to the [Maintenance Menu] window.

3.6.3 System Reset

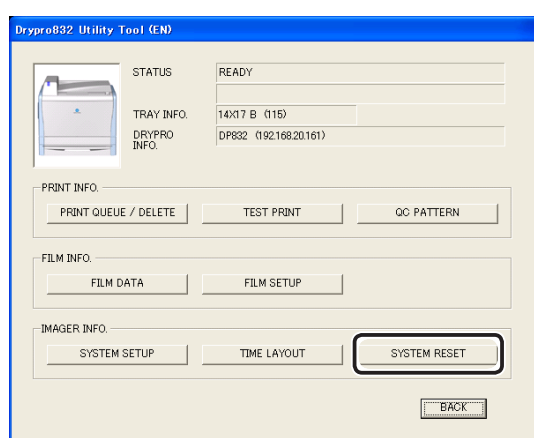
Deletes all jobs of DRYPRO MODEL 832.



- DRYPRO MODEL 873 is not equipped with “system reset” function.
- Once system reset has been performed, all the unprinted data in the job will be cleared.

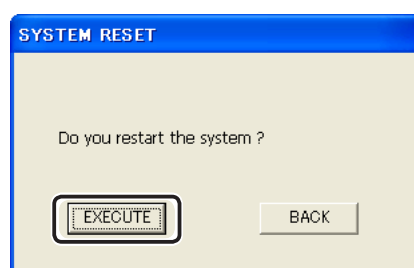
3

- 1 Click the [SYSTEM RESET] button in the [Maintenance Menu] window.



The [SYSTEM RESET] window appears.

- 2 Click the [EXECUTE] button.



Clicking this button deletes all jobs in the queue and returns you to the [Maintenance Menu] window.



- Clicking the [BACK] button returns you to the [Maintenance Menu] window without deleting jobs.

3.6.4 Sorter Setup

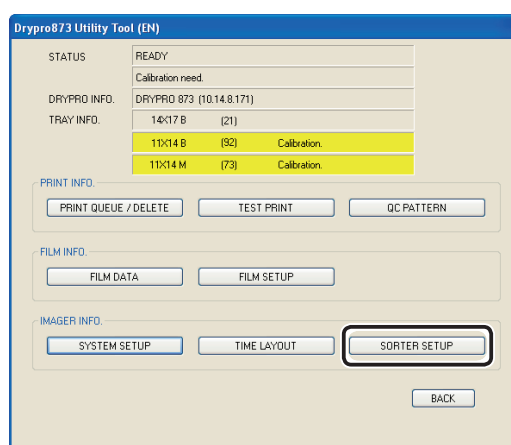
Make settings for the sorter which is an option of DRYPRO MODEL 873.



- DRYPRO MODEL 832 is not equipped with “sorter setup” function.

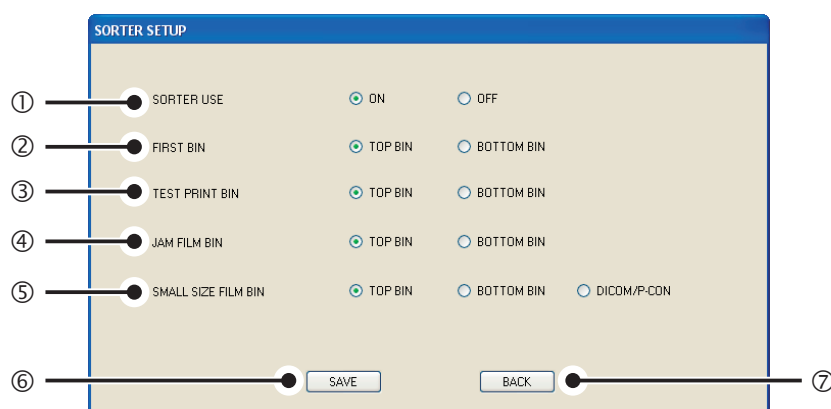
1 Click the [SORTER SETUP] button in the [Maintenance Menu] window.

DRYPRO MODEL 873



The [SORTER SETUP] window appears.

2 Make necessary settings.



Number	Item	Description
①	SORTER USE	Specify whether to use Lis-873. “ON”: Lis-873 is used. “OFF”: Lis-873 is not used.
②	FIRST BIN	Specify the order of the sorter numbers. “TOP”: Numbers beginning at the top bin. “BOTTOM”: Numbers beginning at the bottom bin.

③	TEST PRINT BIN	Specify the output destination of test print films. “TOP BIN”: Outputs to the top bin. “BOTTOM BIN”: Outputs to the bottom bin.
④	JAM FILM BIN	Specify the output destination of jam films. “TOP BIN”: Outputs to the top bin. “BOTTOM BIN”: Outputs to the bottom bin.
⑤	SMALL SIZE FILM BIN	Specify the output destination of small size (quarter and one-sixth) films. “TOP BIN” : Outputs to the top bin. “BOTTOM BIN” : Outputs to the bottom bin. “DICOM/P-CON”: Outputs to the bottom bin.
⑥	[SAVE] button	Clicking this button saves the settings and returns you to the [Maintenance Menu] window.
⑦	[BACK] button	Clicking this button returns you to the [Maintenance Menu] window without saving the settings.

3 Click the [SAVE] button.

Clicking this button saves the settings and returns you to the [Maintenance Menu] window.

Chapter 4

Error Handling

4.1 Error Code

This section describes error messages and their solutions listed in Printlink5-IN.
(Note: XXXX indicates hexadecimal digits (0–9 or A–F)).



- The operation panel (display screen) of DRYPRO MODEL 873 displays the errors which occurred in Printlink5-IN.

Error Code	Error Message	Solutions
CXXXX	Error code received from DRYPRO MODEL 832/873	See "Laser Imager DRYPRO MODEL 832/873 OPERATION MANUAL".
DXXXX	Error code used for DRYPRO MODEL 832/873	See "Laser Imager DRYPRO MODEL 832/873 OPERATION MANUAL".
EXXXX	Error code received from DRYPRO MODEL 832/873	See "Laser Imager DRYPRO MODEL 832/873 OPERATION MANUAL".
FXXXX	Error code received from DRYPRO MODEL 832/873	See "Laser Imager DRYPRO MODEL 832/873 OPERATION MANUAL".
B0001	Imager Film size error	See the imager operation manual.
B0005	Data cannot be sent properly	See the imager operation manual.
B000A	Imager Supply unit suction unit error	See the imager operation manual.
B000B	Imager Pinch roller error	See the imager operation manual.
B000C	Imager Transfer unit open error	See the imager operation manual.
B000D	Imager Transfer unit close error	See the imager operation manual.
B0014	Imager Film jam between supply and print units	See the imager operation manual.
B0015	Imager Film jam at print entrance	See the imager operation manual.
B0016	Imager Film jam in print unit	See the imager operation manual.
B0018	Imager Film jam in receive unit	See the imager operation manual.
B0019	Imager Supply magazine set error	See the imager operation manual.
B001B	Imager Receive magazine set error	See the imager operation manual.
B001D	Imager Receive magazine full	See the imager operation manual.
B001E	Imager Supply magazine empty	See the imager operation manual.
B001F	Imager Film jam between supply and print entrance	See the imager operation manual.
B0020	Imager Film jam between print entrance and transfer exit	See the imager operation manual.
B0021	Imager Film jam at transfer unit exit	See the imager operation manual.
B0023	Imager Film jam in receive unit	See the imager operation manual.
B0024	Imager Film jam in print unit	See the imager operation manual.

Error Code	Error Message	Solutions
B0028	Imager Film jam between transfer and receive units	See the imager operation manual.
B0032	Imager Processor not ready	See the imager operation manual.
B0033	Imager Sorter not ready	See the imager operation manual.
B0035	Imager Docking unit sensor error	See the imager operation manual.
B0036	Imager Docking unit sensor error	See the imager operation manual.
B0037	Imager Film jam in docking unit	See the imager operation manual.
B0038	Imager Film jam in docking unit	See the imager operation manual.
B003C	Imager Polygon mirror error	See the imager operation manual.
B003D	Imager Horizontal sync get error	See the imager operation manual.
B0040	Imager Faulty print roller	See the imager operation manual.
B0046	Imager Communication I/F initialize error	See the imager operation manual.
B0047	Imager Communication I/F timeout error	See the imager operation manual.
B0048	Imager Communication I/F signal error	See the imager operation manual.
B0049	Imager Communication I/F signal get error	See the imager operation manual.
B004A	Imager Communication I/F signal get error	See the imager operation manual.
B004B	Imager Faulty laser power	See the imager operation manual.
B004C	Imager Not enough memory	See the imager operation manual.
B0050	Imager Command error	See the imager operation manual.
B0052	Imager Syntax error	See the imager operation manual.
B0053	Imager Faulty parameter range	See the imager operation manual.
B0054	Imager Faulty format	See the imager operation manual.
B0055	Imager Faulty store/erase position	See the imager operation manual.
B0056	Imager Store position full	See the imager operation manual.
B0057	Imager Format error	See the imager operation manual.
B0058	Imager Format error	See the imager operation manual.
B005A	Imager Disk error	See the imager operation manual.
B0062	Imager Cannot accept Copy Stop	See the imager operation manual.
B0063	Imager error	See the imager operation manual.
B00a0	Imager Film empty 8x10	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00A1	Imager Film empty 8x10 clear	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00A2	Imager Film empty 8x10 blue	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.

Error Code	Error Message	Solutions
B00A3	Imager Film empty 8x10 DR	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00A4	Imager Film empty 8x10 DR clear	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00A5	Imager Film empty 8x10 DR blue	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00A6	Imager Film empty 10x12	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00A7	Imager Film empty 10x12 clear	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00A8	Imager Film empty 10x12 blue	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00A9	Imager Film empty 10x12 DR	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00AA	Imager Film empty 10x12 DR clear	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00AB	Imager Film empty 10x12 DR blue	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00AC	Imager Film empty 11x14	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00AD	Imager Film empty 11x14 clear	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00AE	Imager Film empty 11x14 blue	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00AF	Imager Film empty 11x14 DR	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00B0	Imager Film empty 11x14 DR clear	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00B1	Imager Film empty 11x14 DR blue	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.

Error Code	Error Message	Solutions
B00B2	Imager Film empty 14x14	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00B3	Imager Film empty 14x14 clear	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00B4	Imager Film empty 14x14 blue	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00B5	Imager Film empty 14x14 DR	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00B6	Imager Film empty 14x14 DR clear	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00B7	Imager Film empty 14x14 DR blue	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00B8	Imager Film empty 14x17	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00B9	Imager Film empty 14x17 clear	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00BA	Imager Film empty 14x17 blue	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00BB	Imager Film empty 14x17 DR	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00BC	Imager Film empty 14x17 DR clear	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00BD	Imager Film empty 14x17 DR blue	See the imager operation manual. The problem may be solved by changing the film size or type and outputting the data again.
B00C1	Imager Cover open error	See the imager operation manual.
B00C2	Imager Check chemistry error	See the imager operation manual.
B00C3	Imager Chemicals empty error	See the imager operation manual.
BEF00	Printlink error	Power Printlink5-IN off and on again and perform it again.
B0100	Imager Network output error	Contact Konica Minolta technical representatives.
B0101	Imager Network output warning	Contact Konica Minolta technical representatives.

Error Code	Error Message	Solutions
B1000	Free HD space is smaller than the size to be warned	Contact Konica Minolta technical representatives.
B1001	Non-supported image format	Contact Konica Minolta technical representatives.
B1002	Printer driver is not configured	Contact Konica Minolta technical representatives.
BF000	Imager not ready	Check the power to the imager.
BF001	Server not ready (Ping failed)	Check the power to the imager.
BF002	Server not ready (Socket connection failed)	Check the power to the imager.
BF006	The system will become unstable if it is energized continuously for 24 hours. Therefore, turn the power OFF after finishing a task. If the system has to be energized for over 24 hours continuously, turn the power OFF/ON once a week.	Power Printlink5-IN off and on again and perform it again.
BF008	Queue data input was deleted because of data inconsistency.	Contact Konica Minolta technical representatives.
B2000	A-ASSOCIATE request error	Contact Konica Minolta technical representatives.
B2001	A-ASSOCIATE response error	Contact Konica Minolta technical representatives.
B2002	Receive A-ASSOCIATE-RJ error	Contact Konica Minolta technical representatives.
B2003	A-RELEASE request error	Contact Konica Minolta technical representatives.
B2004	A-RELEASE response error	Contact Konica Minolta technical representatives.
B2005	Received an association abort command	Contact Konica Minolta technical representatives.
B2006	C-FIND request error	Contact Konica Minolta technical representatives.
B2007	C-FIND response error	Contact Konica Minolta technical representatives.
B2008	C-STORE request error	Contact Konica Minolta technical representatives.
B2009	C-STORE response error	Contact Konica Minolta technical representatives.
B200A	SCU N-CREATE (Film Session)	Contact Konica Minolta technical representatives.
B200B	SCP N-CREATE (Film Session)	Contact Konica Minolta technical representatives.
B200C	SCU N-CREATE (Film Box)	Contact Konica Minolta technical representatives.
B200D	SCP N-CREATE (Film Box)	Contact Konica Minolta technical representatives.

Error Code	Error Message	Solutions
B200E	SCU N-CREATE (Presentation LUT)	Contact Konica Minolta technical representatives.
B200F	SCP N-CREATE (Presentation LUT)	Contact Konica Minolta technical representatives.
B2010	SCU N-SET (Film Session)	Contact Konica Minolta technical representatives.
B2011	SCP N-SET (Film Session)	Contact Konica Minolta technical representatives.
B2012	SCU N-SET (Film Box)	Contact Konica Minolta technical representatives.
B2013	SCP N-SET (Film Box)	Contact Konica Minolta technical representatives.
B2014	SCU N-SET (Image Box)	Contact Konica Minolta technical representatives.
B2015	SCP N-SET (Image Box)	Contact Konica Minolta technical representatives.
B2016	SCU N-SET (Annotation Box)	Contact Konica Minolta technical representatives.
B2017	SCP N-SET (Annotation Box)	Contact Konica Minolta technical representatives.
B2018	SCU N-ACTION	Contact Konica Minolta technical representatives.
B2019	SCP N-ACTION	Contact Konica Minolta technical representatives.
B201A	SCU N-DELETE	Contact Konica Minolta technical representatives.
B201B	SCP N-DELETE	Contact Konica Minolta technical representatives.
B201C	SCU N-GET	Contact Konica Minolta technical representatives.
B201D	SCP N-GET	Contact Konica Minolta technical representatives.
B201E	SCU N-EVENT_REPORT	Contact Konica Minolta technical representatives.
B201F	SCP N-EVENT_REPORT	Contact Konica Minolta technical representatives.
B2020	SCU C-ECHO	Contact Konica Minolta technical representatives.
B2021	SCP C-ECHO	Contact Konica Minolta technical representatives.
B2022	Non-supported format	Contact Konica Minolta technical representatives.
B2023	Unable to fit the image into a sheet	Contact Konica Minolta technical representatives.

Error Code	Error Message	Solutions
B2024	LUT conversion has failed	Contact Konica Minolta technical representatives.
B2025	Inconsistent queue file	Contact Konica Minolta technical representatives.
B2026	Inconsistent input file	Contact Konica Minolta technical representatives.
B3000	"?" exists in the recognition result	Contact Konica Minolta technical representatives.
B3001	Received emergency patient ID	Contact Konica Minolta technical representatives.
B3002	No Match ! patient information	Contact Konica Minolta technical representatives.
B3003	There is two or more patient information	Contact Konica Minolta technical representatives.
B3004	Not ready for search	Contact Konica Minolta technical representatives.
B3005	No search to be canceled exists	Contact Konica Minolta technical representatives.
B300F	Other search error	Contact Konica Minolta technical representatives.

Chapter 5

Maintenance

5.1 Maintenance, Items to be Checked, and Schedule

This section describes maintenance and items to be checked necessary to ensure use of Printlink5-IN in optimum condition.

Items to be Checked by Users

Maintenance and items to be checked by users are as follows: Use the maintenance period as a guide. Perform maintenance as needed depending on usage environment.

Description of Maintenance Work	Maintenance Interval	Weekly	Monthly	Yearly
Checking Fan Operation		●		
Cleaning the Monitor		●		
Cleaning the Keyboard and Mouse			●	
Cleaning the Main Body				●

Maintenance and Items to be Checked by Service Personnel

Other major maintenance and items to be checked are as follows: These are included in the maintenance contract. For performance of maintenance, contact Konica Minolta technical representatives.

Description of Maintenance Work	Maintenance Interval
Clean the internal section of the main body	Yearly
Replace the lithium battery built in the main body	Every 4 years

Appendix

A Specifications

Model		Printlink5-IN
Image Processing		Gradation processing
Image Storing Capacity		Main body HDD: 250 GB
I/O Port (Ethernet)		10BASE-T/100BASE-TX/1000BASE-T×1 (Standard)
Image Input		16 input channels and 8 output channels (up to 4 imager output channels)
Image Output	Imager	
	Storage (Optional)	
Printer Output		Can be output to Windows-compliant printer
DICOM Support		Basic Grayscale Print Management Service Class (SCU, SCP) Storage Service Class (SCU) Modality Worklist Management Service Class (SCU)
Outer Dimensions	Main Body	100 (W) x 378 (D) x 338 (H) mm
	Monitor	377 (W) x 206 (D) x 386 (H) mm
Weight	Main Body	7.6 kg
	Monitor	3.9 kg
Power Supply	Main Body	UL: AC 120 V (60 Hz), CE: 220–240 V (50/60 Hz)
	Monitor	UL: AC 120 V (60 Hz), CE: 220–240 V (50/60 Hz)
Power Consumption	Main Body	240 W
	Monitor	28 W
Operating Environmental Condition	Main Body	Temperature: 10°C–35°C, Humidity: 10%–90% (no condensation)
	Monitor	Temperature: 10°C–35°C, Humidity: 20%–80% (no condensation)

* Note: The above specifications are subject to change without notice.



KONICA MINOLTA

Konica Minolta Healthcare Americas, Inc.
411 Newark-Pompton Turnpike, Wayne, NJ 07470,
U.S.A.
TEL. 973-633-1500



EU Authorized Representative:
**Konica Minolta Business Solutions
Europe GmbH**
Capellalaan 65, 2132 JL, Hoofddorp,
The Netherlands
TEL. +31-20-658-4100

Konica Minolta Healthcare India Private Ltd.
Office No.201, 2nd Floor, Atrium 2,
Next to Courtyard Marriott Hotel, Andheri Kurla Road,
Chakala, Andheri (East), Mumbai - 400093, India
TEL. +91-22-61916900

**Konica Minolta Business Solutions (Canada)
Ltd.**
5875 Explorer Drive, Mississauga,
Ontario, L4W 0E1, Canada
TEL. 905-890-6600

**Konica Minolta Medical & Graphic (SHANGHAI)
Co., Ltd.**
Room 1602, Tower B, Hongwell International Plaza,
1602 West Zhongshan Road, Xuhui District,
Shanghai 200235 China
TEL. 021-6422-2626

1116BA02EN01

2021-02-05
(IT)