

Fuji Medical Dry Laser Imager

# DRYPIX Smart

(DRYPIX 6000)

## OPERATION MANUAL

Version 9 2025-04-01

### Introduction

- 1 Precautions
- 2 Product Overview
- 3 Basic Operation
- 4 Utility
- 5 Troubleshooting
- 6 Care and Maintenance

### Appendix

This Manual describes details on how to operate the DRYPIX Smart and cautions to be observed when operating it. Please read this manual thoroughly before actually operating the DRYPIX Smart. After reading this manual, store it nearby the DRYPIX Smart so that you can see it whenever necessary.



# Contents at a Glance

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## Introduction

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This chapter explains about this manual.

## Chapter 1 Precautions

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Before using this product, read this chapter carefully so that you can operate it correctly. This chapter describes the warnings and cautions for safe operation of this product.

## Chapter 2 Product Overview

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This chapter describes features, name and function of each part.

## Chapter 3 Basic Operation

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This chapter describes basic operation.

## Chapter 4 Utility

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This chapter describes the functions available in the Utility mode.

## Chapter 5 Troubleshooting

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This chapter describes actions should be taken if problems occur in this product.

## Chapter 6 Care and Maintenance

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This chapter describes Care and Maintenance

## Appendix

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This chapter describes specifications, external view and weight.

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# Introduction

This chapter explains about this manual.

## About This Manual

This manual provides detailed explanations of operation methods and cautions to promote proper understanding of functions and more effective usage.

Accompanying documents were originally drafted in the English language.

***Installation may only be conducted by authorized service personnel.***

This manual is applicable to the following software.

- DRYPIX Smart Main Software V1.0 or later

For details on the software version of the DRYPIX Smart Application Software, contact our service personnel.

### Indications for use (for U.S.)

Fuji Medical Dry Laser Imager, model DRYPIX Smart (DRYPIX 6000) is indicated for use in providing diagnostic quality medical images on film for aid in physician diagnosis, including the printing of images and associated identification information from various digital imaging source modalities, including but not limited to, Computed Tomography (CT), Magnetic Resonance Imaging (MRI), Ultrasound, Computed Radiography, Digital Radiography, Digital Mammography and Nuclear Medicine.

### Intended Purpose (for European Union and other countries.)

Fuji Medical Dry Laser Imager DRYPIX Smart (DRYPIX 6000) is intended for providing the diagnostic Imaging data on the film by printing medical images transferred via DICOM network and archived in the PACS.

This device is intended to be used by Healthcare professional.

### Intended Users

Healthcare professionals.

### Target Treated Population

There is no particular restriction on age / height / sex / nationality.

#### Note

- The above statements were determined by applicable medical device regulations which vary throughout the world. These statements are subject to revision when additional clearance or approval is obtained.

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- The information contained in this manual may be subject to change without prior notice.

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- FUJIFILM Corporation shall not be liable for malfunctions and damages resulting from use under environment conditions outside the range of using conditions for this product such as power supply, installation environment, etc. contained in this manual.
- FUJIFILM Corporation shall not be liable for malfunctions and damages resulting from natural disasters such as fires, earthquakes, floods, lightning, etc.

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Regulation (EU) 2017/745 requires that any serious incident that has occurred in relation to the device should be reported to the manufacturer or European Authorized Representative, and the competent authority of your country. In case you become aware of any serious incident, please report immediately to our official dealer and the competent authority of your country.

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**CAUTION**

- Rx Only in the United States (Federal law restricts this device to sale by or on the order of a physician.)

**Open-Source Software Used in This Product**

This product uses third party's software that is made available as open source software or free software.

SUCH SOFTWARE IS PROVIDED "AS IS" WITH NO WARRANTY OF ANY KIND AS TO ITS MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

For information on open source software used in this product, please see the attached CD.

Source codes for certain type of open source software used in this product are available at delivery cost. If you would like to receive such source codes, please contact FUJIFILM dealer or the service representatives at the agency from which you purchased this product.

(Please be noted that any inquiries concerning the contents of source codes should be directed to original licensors of open source software.)

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## How to Read This Manual

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### ◆ Conventions

This manual uses the following conventions for easier understanding.

Convention	Description
<b>WARNING</b>	Explains dangerous situations that may cause death or serious injury if not avoided.
<b>CAUTION</b>	Explains situations that may cause slight or moderate levels of injury if not avoided.
Note	Indicates a comment or supplementary information.
(1), (2), (3), ...	Indicates consecutive numbers in operating procedures for the order in which successive steps in the procedure should be taken.
→	Indicates a reference.

Before using this product, read this chapter carefully so that you can operate it correctly. This chapter describes the warnings and cautions for safe operation of this product.

## 1.1 Precautions Before Operating This Equipment

Before using this equipment, please read this section carefully so that you can operate it correctly.

Whenever you operate this equipment, be sure to observe those precautions. Failure to do so may cause you to subject to injuries or property damage to occur.

### WARNING

- Do not connect any unspecified device.

This equipment has been designed on the assumption that the patient would not come into direct contact with it or for operation by healthcare professionals. The operator of this equipment must comprehend the contents shown in the labels or on the monitor.

Process waste correctly, as stipulated by local law or any regulations that apply. When discarding the DRYPIX Smart that incorporates the lithium battery, be sure to contact a licensed waste disposal contractor because it cannot be disposed of as a general waste. Not doing so may cause environmental pollution.

To install or relocate the equipment, request it to a designated service supplier.

#### Cautions on Network

After connecting this system to the network with other systems, confirm that the other systems are not affected. If they are affected, take countermeasures such as network separation.

#### Precautions on External Network Connection

When a setting of the network to which the equipment is connected has been changed, check that the change does not affect the system operation and take measures if necessary.

The setting change may include the following:

- Change of connection destination
- Addition of devices
- Removal of devices
- Update of devices
- Upgrade of devices

### **1.1.1 Precautions to be Observed When Using the Electric Medical Equipment**

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- Do not remodel the equipment.
- In an emergency, disconnect the power plug or the inlet.  
Ensure sufficient space around the power plug or the inlet.
- An additional MULTIPLE SOCKET-OUTLET or extension cord shall not be connected to this device.
- Patient group is not limited.
- If the network is shut down due to a network device failure or any other cause, image data is no longer transferred to this device.

## 1.2 Safety

Before using the DRYPIX Smart, read this section thoroughly to ensure that you use the product properly.

### 1.2.1 Laser Handling Precautions

This equipment is a Class 1 Laser Product (IEC 60825-1:2014Ed.3.0 / EN 60825-1:2014/AC:2017).

This device contains an embedded laser with the following specification:

- Class:  
3B
- Medium:  
Semiconductor laser
- Wavelength:  
659nm (TYP)
- Maximum output - Specification of Laser Diode:  
130mW (CW)
- Maximum output - Fault Condition:  
400mW (CW)
- Beam emittance:  
20°

#### WARNING

To prevent the user from being exposed to laser beams, always observe the following precautions.

- Never remove any covers that can only be removed using tools.
- When opening covers for coping with film jams, strictly observe procedures set forth in this manual. Never perform any other procedures.
- Always contact our official dealer immediately if a malfunction is suspected in the equipment.

#### CAUTION

- Use of controls or adjustment or performance of procedures other than those specified herein may result in hazardous radiation exposure.

## 1.2.2 Electric Shock Warnings

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### WARNING

- The power supply to the DRYPIX Smart is AC 100/110/120V in North America and AC 200/220/230/240V in other countries.  
To avoid electric shocks, users should always take the following precautions:
  - Only allow a trained operator to use the printer.
  - Install the printer in a location where it will not be exposed to water.
  - Check that the printer is securely earthed.
  - Check that all of the cords and cables are completely and securely connected.
  - When using the equipment within the environment where the patient may get into touch with it, optionally connect additional protective earth conductor.
  - When using the equipment within the environment where the patient may get into touch with it, the user must not touch the equipment's exterior, such as covers and metal sections, and the patient at the same time. In addition, take care that the patient does not touch the equipment.
  - To avoid risk of electric shock, this equipment must only be connected to a supply mains with protective earth.
- Never remove the printer cover.  
The printer contains high-voltage components that could cause an electric shock.

## 1.2.3 Ventilation precautions

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### CAUTION

- Be sure to install this equipment in a well-ventilated environment.  
Good ventilation must be ensured (at least 54m<sup>3</sup>/hour for one unit).

## 1.2.4 Precaution about High Temperature

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### CAUTION

- Be careful with units where High-temperature Caution Labels are affixed as those units may be hot during operation.

## 1.2.5 Precautions for Network Security

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### CAUTION

- [Purpose of Connecting to Network]  
This equipment is to be connected to the network in order to receive image data from various types of modality.
- [Precautions for Network Connection]
  - Connect this equipment to the network in a hospital where cybersecurity is ensured before use.
  - Be careful of a computer virus possibly infecting the equipment through the network, and take measures to prevent any information leakage from the equipment.

## 1.2.6 Declaration of Conformity

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This equipment is in conformance with the following standards:

North America

- ANSI/AAMI ES60601-1

Other countries

- IEC 60601-1/EN60601-1
- IEC 60601-1-2/EN 60601-1-2

## 1.2.7 Classification

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### <According to the type of protection against electric shock>

CLASS 1 EQUIPMENT

### <According to the degree of protection against electric shock>

NO APPLIED PART

### <Protection against harmful ingress of water or particulate matter>

IPX0

### <According to the degree of safety of application in the presence of a flammable anesthetics mixture with air or with oxygen or nitrous oxide>

Equipment not suitable for use in the presence of a flammable anesthetics mixture with air or with oxygen or nitrous oxide.

### <According to the mode of operation>

CONTINUOUS OPERATION

## 1.2.8 Contraindications and Prohibitions

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No contraindications present.

## 1.3 Electromagnetic Compatibility (EMC)

### 1.3.1 Electromagnetic Compatibility (EMC) Standards

This system has been tested and found to comply with the limits for medical devices to the IEC 60601-1-2:2014+A1:2020(EN 60601-1-2:2015+A1:2021).

These limits are designed to provide reasonable protection against harmful interference in a typical medical installation, as this equipment is suitable for use in a professional healthcare facility environment and in a home healthcare environment.

Each device generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to each device or other devices in the vicinity.

However, there is no guarantee that interference will not occur in a particular installation.

If each device does cause harmful interference to other devices, which can be determined by tuning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving device.
- Increase the separation between the devices.
- Connect the equipment into an outlet on a circuit different from that to which the other device(s) are connected.

If the problem cannot be solved with the above measures, stop using this equipment and contact our official dealer.

#### WARNING

- Do not place devices generating electromagnetic wave near this equipment.
- If a device(s) other than those specified is connected, predetermined EMC performance cannot be guaranteed.
- Do not use mobile RF communications equipment within 30 cm (11.8 in.) of this equipment.
- The product may be interfered with by other equipment, even if that other equipment complies with CISPR EMISSION requirements.
- Do not use this equipment near devices that generate strong electromagnetic waves, such as thermotherapy devices or HF surgical equipment.
- If this equipment is used near commercially available electronic devices, such as mobile phones, laptop computers or home appliances, which generate electromagnetic waves, this equipment may malfunction due to electromagnetic interference.
- Do not use this equipment near large medical devices, such as MRI scanners or X-ray CT scanners.
- Avoid using devices nearby this equipment, which generates power frequency electromagnetic fields such as RFID readers, induction cooktops, ovens, and wireless battery-charging and power suppliers.

### 1.3.2 Further Information for IEC 60601-1-2 (EN 60601-1-2)

- The DRYPIX Smart complies with IEC 60601-1-2:2014+A1:2020(EN 60601-1-2:2015+A1:2021).
- Medical electrical equipment needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in Tables 1 to 5.
- Portable and mobile RF communications equipment and other devices, which cause electromagnetic interference, can affect medical electrical equipment, resulting in image data communication failure or artifacts.
- Information regarding the cable affecting EMC is as follows.

Cable	Maximum Length	Specification
Power Cable	3 m (9.8ft)	Non-shielded

- The use of optional items, transducers and cables other than those specified, with the exception of transducers and cables sold by FUJIFILM Corporation as replacement parts for internal components, may result in increased emissions or decreased immunity of the DRYPIX Smart.
- The equipment should not be used adjacent to or stacked with other equipment. If adjacent or stacked use is necessary, the equipment should be observed to verify normal operation in the configuration in which it will be used.
- Test items (Tables 1 to 5)

Table 1

#### Guidance and manufacturer's declaration - electromagnetic emissions

The DRYPIX Smart is intended for use in the electromagnetic environment specified below. The customer or the user of the DRYPIX Smart should assure that it is used in such an environment.

Emissions test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Group 1	The DRYPIX Smart is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
RF emissions CISPR 11	Class B	
Harmonic emissions IEC 61000-3-2	Complies	
Voltage fluctuations/flicker emissions IEC 61000-3-3	Complies	


#### Note

- Harmonic emission IEC 61000-3-2 and voltage fluctuation/flicker emission IEC 61000-3-3 are applicable only to the devices with a rated voltage of AC220V or higher.

Table 2

Guidance and manufacturer's declaration - electromagnetic immunity			
The DRYPIX Smart is intended for use in the electromagnetic environment specified below. The customer or the user of the DRYPIX Smart should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment - guidance
Electrostatic discharge (ESD) IEC61000-4-2	±8kV contact ±15kV air	±8kV contact ±15kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient/burst IEC61000-4-4	±2kV for power supply lines ±1kV for input/output lines	±2kV for power supply lines ±1kV for input/output lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC61000-4-5	±1kV line(s) to line(s) ±2kV line(s) to earth	±1kV line(s) to line(s) ±2kV line(s) to earth	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC61000-4-11	0% $U_T$ for 0.5 cycle and 1 cycle  70% $U_T$ (30% dip in $U_T$ ) for 25 cycles  0% $U_T$ for 5 s	0% $U_T$ for 0.5 cycle and 1 cycle  70% $U_T$ (30% dip in $U_T$ ) for 25 cycles  0% $U_T$ for 5 s	Mains power quality should be that of a typical commercial or hospital environment. If the user of the DRYPIX Smart requires continued operation during power mains interruptions, it is recommended that the DRYPIX Smart be powered from an uninterruptible power supply or a battery.
Power frequency (50/60Hz) magnetic field IEC61000-4-8	30 A/m	30 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
<b>Note</b>			
<ul style="list-style-type: none"> <li><math>U_T</math> is the a.c. mains voltage prior to application of the test level.</li> </ul>			

Table 3

Guidance and manufacturer's declaration - electromagnetic immunity			
The DRYPIX Smart is intended for use in the electromagnetic environment specified below. The customer or the user of the DRYPIX Smart should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment - guidance
Conducted RF IEC61000-4-6	3 V 150 kHz to 80 MHz  ISM Frequency band Amateur radio band	3 V  → See Table 5.	Portable and mobile RF communications equipment should be used no closer to any part of the DRYPIX Smart, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.
Radiated RF IEC61000-4-3	10 V/m 80 MHz to 2.7 GHz  Proximity fields from RF	10 V/m  → See Table 5.	Recommended separation distance $d = 1.2 \sqrt{P}$ 150 kHz to 80 MHz $d = 1.2 \sqrt{P}$ 80 MHz to 800 MHz $d = 2.3 \sqrt{P}$ 800 MHz to 2.7 GHz  where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey <sup>a</sup> should be less than the compliance level in each frequency range <sup>b</sup> . Interference may occur in the vicinity of equipment marked with the following symbol:  
Proximity magnetic fields IEC 61000-4-39	134.2 KHz 65 A/m 13.56 MHz 7.5 A/m	65 A/m 7.5 A/m	Avoiding to place equipment that generates strong magnetic fields near the DRYPIX Smart or its components is recommended. Recommended separation distance: 0.15 m (Approx. 5.91 inches)

**Note**

- At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.
- These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

a Field strength from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the DRYPIX Smart is used exceeds the applicable RF compliance, the DRYPIX Smart should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the DRYPIX Smart.

b Over the frequency range 150 kHz to 80 MHz, field strength should be less than 3 V/m.

Table 4

## Recommended separation distances between Portable and mobile RF communications equipment and the DRYPIX Smart

The DRYPIX Smart is intended for use in the electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the DRYPIX Smart can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the DRYPIX Smart as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m		
	150 kHz to 80 MHz $d = 1.2 \sqrt{P}$	80 MHz to 800 MHz $d = 1.2 \sqrt{P}$	800 MHz to 2.7 GHz $d = 2.3 \sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance  $d$  in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where  $P$  is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

**Note**

- At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.
- These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Table 5

Test compliance levels between portable and mobile RF communications equipment and the DRYPIX Smart			
ISM (Industrial, Scientific and Medical) frequency band compliance level			
Frequency MHz	Test level V	Frequency MHz	Test level V
6.765	6	13.553	6
26.957	6	40.66	6
Amateur radio band compliance level			
Frequency MHz	Test level V	Frequency MHz	Test level V
1.8	6	3.5	6
5.3	6	7	6
10.1	6	14	6
18.07	6	21	6
24.89	6	28	6
50	6		
Proximity fields from RF compliance level			
Frequency MHz	Test level V/m	Frequency MHz	Test level V/m
385	27	450	28
710	9	745	9
780	9	810	28
870	28	930	28
1462	10	1720	28
1845	28	1970	28
2450	28	3540	10
3700	10	4500	10
5240	9	5500	9
5785	9		

## 1.4 Handling and Storing Cautions for films

Please be aware of the following cautions for handling and storing of the film.

### 1.4.1 Precautions for storing or handling unused films

- Use only the “Fuji Medical Dry Laser Image Film DI-HL” or “Fuji Medical Dry Laser Image Film DI-ML” that is compatible with this equipment. If a film other than DI-HL or DI-HM is used, a malfunction may be caused to the equipment.
- Be sure to store unused films contained in the film pack in a cool, dry and dark place of low temperature and low humidity (temperature: 25°C or lower), avoiding radioactivity and reactive gases, same as for the conventional wet-type film.
- The DI-HL films are light-sensitive. Do not open a film pack before it is loaded properly in the equipment.
- Do not touch unused films with bare hands, otherwise adverse effects can appear on recorded images.
- Do not take unused films out of the film pack that has once been loaded into the equipment and opened or add films to the film pack loaded, which will result in misoperation or failure of the equipment.
- The film pack contains a protective sheet, in addition to the specified number of recording films.

This protective sheet will remain in the film pack even after those recording films have been printed and it cannot be used for image recording. Because the protective sheet is a film, discard it appropriately together with other used films.

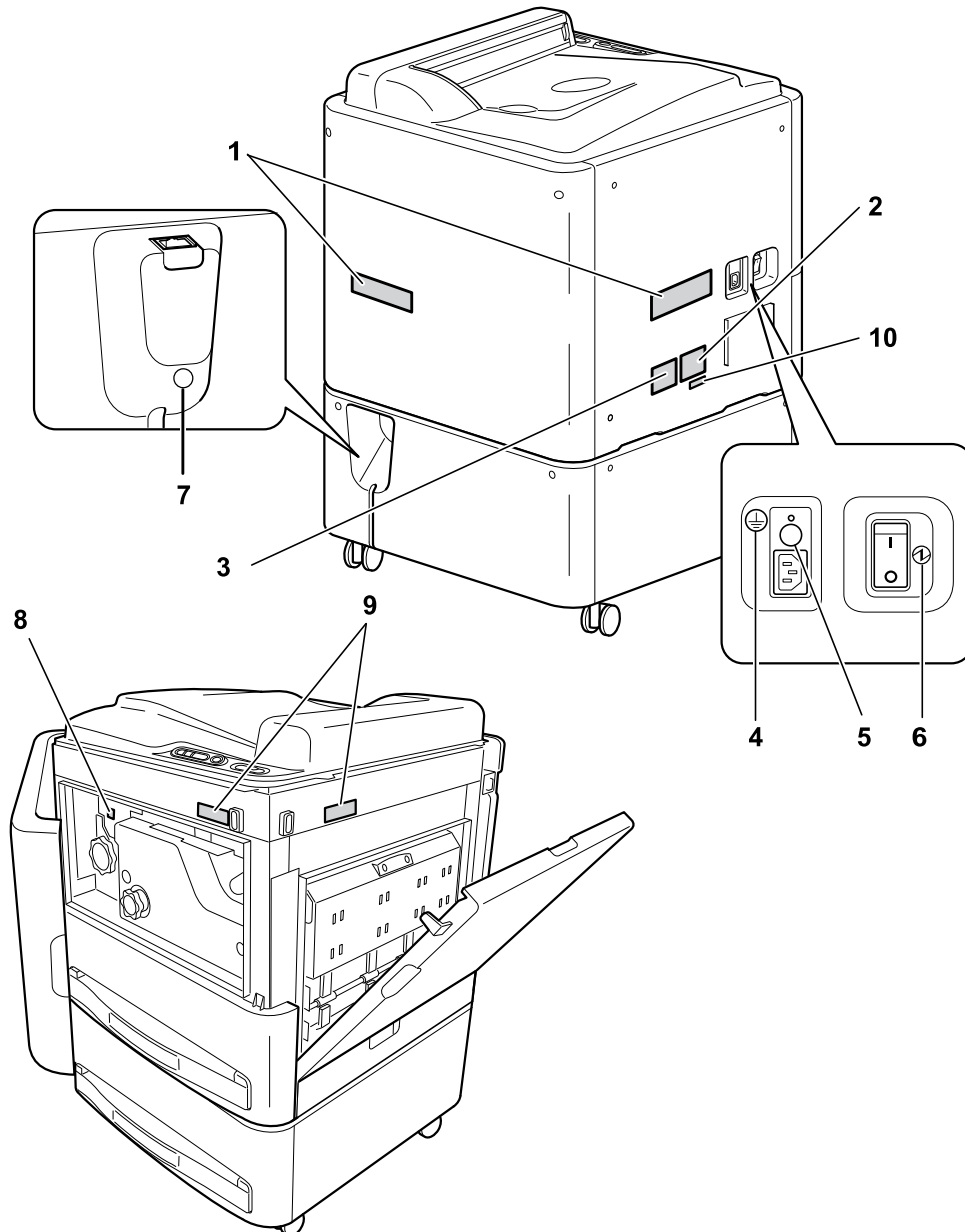
### 1.4.2 Precautions for storing or handling recorded films

- Store recorded films in a cool, dry and dark place of low temperature and low humidity. The higher the temperature and humidity, the more the density of recorded images will change sharply.  
Longterm storage at high temperature, high humidity and/or daylight conditions, such as in a car or room during summer, may cause discoloration. Using films in the slide projector or overhead projector will also cause discoloration.
- For the long-term storage performance of recorded films, we assume based on the result of the acceleration test that it will be over 30 years at the storage temperature of 25°C and over 25 years at 30°C, until the portion on an image of density (D) = 1.2 at time of output to change 10% ( $\Delta D=0.12$ ).
- After an image has been recorded, the film immediately after it was ejected from the machine is still in the process of image development and the room illumination or light emanating from the viewing box will cause slight changes in the optical density. Due to such optical effect, traces of overlapped films or transferred images can be visually recognized temporarily, which will disappear when those films are left under the normal light condition.
- Note that lucid surfaces of recorded films can be lost or traces of contact with any chemicals that contain water, alcohol, developer, etc., and with other objects that contain a large amount of salt may appear on images, if they are handled under high-humidity environment or due to such undesirable contacts.
- Do not store films with its image recording faces attached directly for preventing them from sticking to each other.

## 1.5 Locations of labels and signs

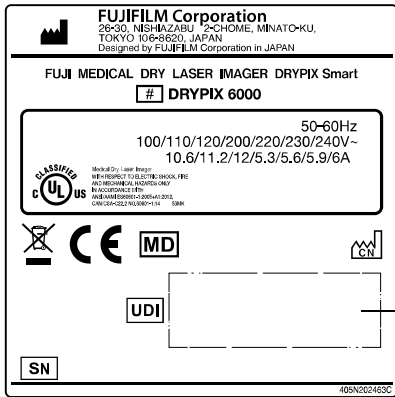
Locations of labels and signs affixed to the DRYPIX Smart, and the relevant safety signs are shown below.

### 1.5.1 Locations



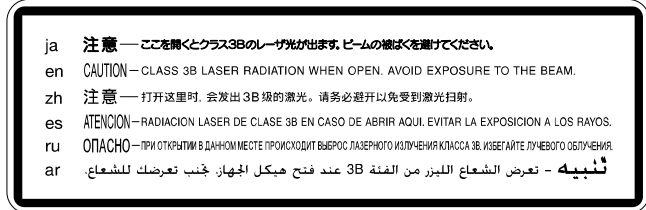
1	Class 3B Panel Label #1
2	Rating Label
3	CDRH Label
4	Additional protective earth mark
5	Caution Label 1
6	Power
7	Caution Label 1

8	High-temperature Caution Label
9	Class 3B Panel Label #2
10	Information Label



Rating Label

Unique device identification

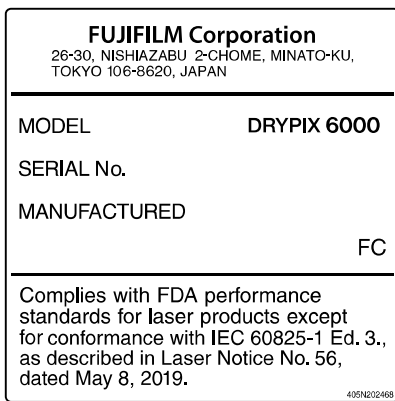


Class 3B Panel Label #1



Class 3B Panel Labels #2

Actual label language may vary.



CDRH Label



Be aware that the temperature may be high in the area where the following label is affixed.

High-temperature Caution Label



Be sure to use the power cord our official dealer or local presentative provided. If an inappropriate cord is used, it may generate heat or fire.

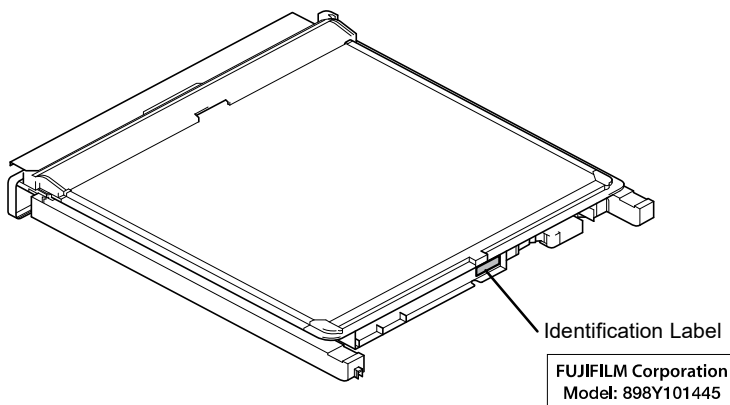
Caution Label 1 (Inlet)



Do not connect a telephone wire to the LAN connector. Only UTP-type straight LAN cables of Category 5e or higher are appropriate for connection to this connector.


















Caution Label 1 (LAN connector)





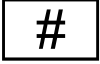

Additional Option Tray



## 1.5.2 Safety and Other Signs

The following safety signs are used in the DRYPIX Smart labels or on its body.

Sign	Description
	CE Marking
	Refer to operation manual
	High-temperature caution
	Power-OFF
	Power-ON
	Protective grounding (to the earth)
	Alternating current
	<p>This symbol indicates that this product is not to be disposed of with your household waste, according to the WEEE Directive (2002/96/EC) and your national law. This product should be handed over to a designated collection point.</p> <p>Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE.</p> <p>At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources.</p> <p>For more information about waste, please contact our official dealer.</p>
	Date of Manufacturer
	Stand-by switch
	Enter button
	Utility button
	Serial number
	Manufacturer
	Indicates the Authorized representative in the European Community.
	Medical device
 <a href="https://med-lib.fujifilm.com/">https://med-lib.fujifilm.com/</a>	Consult an electronic instructions for use (e-IFU)

Sign	Description
	<p>Importer</p>
	<p>CLASS 3B LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO THE BEAM.</p>
	<p>CLASS 3B LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO THE BEAM.</p>
	<p>Made in China</p>
	<p>Model Number</p>
	<p>Unique device identifier</p>

## 1.6 Equipment Installation Space

### 1.6.1 Installation Space

#### ◆ When Not Fixed with Fixtures

Front: More than 800 mm (31.5 in.)

Rear: More than 100 mm (3.9 in.)

Left: More than 50 mm (2.0 in.)

Right: More than 200 mm (7.9 in.)

#### ◆ When Fixed with Fixtures

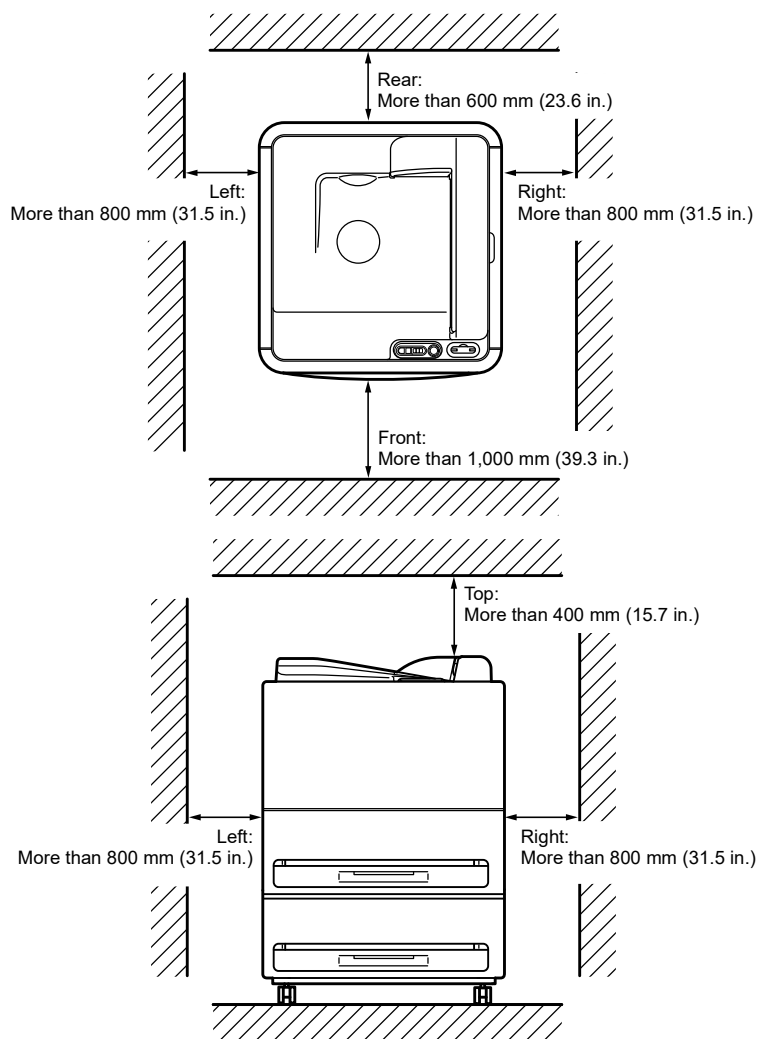
Front: More than 800 mm (31.5 in.)

Rear: More than 100 mm (3.9 in.)

Left: More than 250 mm (9.8 in.)

Right: More than 250 mm (9.8 in.)

### 1.6.2 Space Required for Maintenance Work



## 1.7 Precautions on DRYPIX Smart Operations

Operations of image output on film are performed on the FCR PRIMA Console.  
Therefore, no specific operation is required for printout on film for the DRYPIX Smart system.

### 1.7.1 Precautions for Use

#### WARNING

- This printer is not explosion-proof. Do not use flammable or explosive gases near this printer.
- The device is assumed to be used in hospitals, clinics or infirmaries, and only indoors.

#### CAUTION

- When touching the keys of the control panel, be careful not to apply strong mechanical shock that would damage the keys.
- Be sure to check the patient information is printed on a film.
- If the film cutter breaks, replace it immediately. Take care to avoid injuring yourself on any sharp edges exposed by the breakage.  
The film cutter is a consumable item. If it breaks, contact our official dealer and have it replaced.
- Sudden rises in the room temperature when the device is cold may cause dew condensation.  
Note that condensation in the device can lead to malfunctions.
- Be sure to cut the power supply during inspections.
- In the case of failure of the device, first cut the power supply and display a proper message (e.g. Out of order) in the device, then contact our official dealer.
- Do not lift and move the device. Contact our official dealer when you need to do.
- Do not get on the equipment or place any object on it. Otherwise, equipment breakage or human injury may result.
- The weight of the equipment is approximately 104 kg (229.3 lb). Place the equipment in a location that can bear the weight.
- Do not apply force to the film tray when it is pulled out.
- When using the shutter, be careful and hold it firmly with both hands to prevent it from dropping.
- When closing film trays or covers, be careful not to pinch your finger or hand in the aperture.
- You may burn yourself if your bracelet or necklace touches high-temperature parts or units, such as inlet of the Thermal Development Unit (areas around where the Front Cover is opened).

## 1.7.2 Precautions When Outputting Film Prints

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### WARNING

- If the power to the DRYPIX Smart is shut down unintentionally, image printouts may not be generated.  
We, therefore, recommend that you do not erase images stored on the FCR/FDR Image Reader and other modalities, such as CT, MRI, and the like, before you make sure that images have been printed properly.  
FUJIFILM Corporation and authorized dealers will not assume any responsibility for loss of images and others.

### CAUTION

- Do not forcibly remove a film in process of ejection.  
Removing a film in process of ejection forcibly may damage it.
- Do not open any cover while images are being processed.  
If a cover is opened while in processing, any image being processed at the moment will be disabled because correct print density cannot be obtained.  
If a cover is opened while in processing, the equipment will stop operating for the safety reason.  
The alarm will then sound at the same time, displaying on the display panel an error code saying that a cover is open.

### Note

- A maximum of 50 films can be stacked in the output film tray.  
Remove the output films before the film tray becomes full.
- Install this equipment in a well-ventilated place.



This chapter describes features, name and function of each part.

## 2.1 Overview

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### ■ Example of system configuration

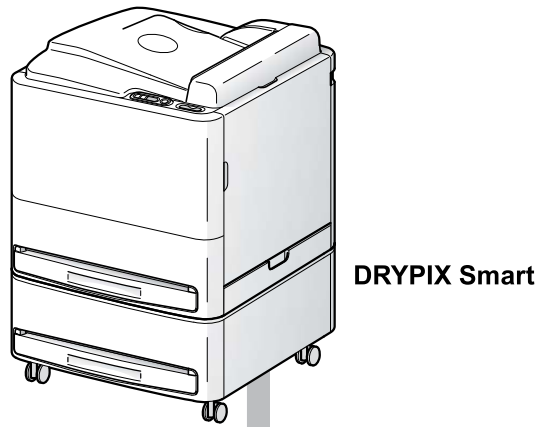
The DRYPIX Smart is a device that prints digital image data, transferred via the DICOM network from the FCR/FDR Image Reader or DR, CT, MRI and other imaging modalities, onto a film. It is also possible to print image information derived from imaging modalities or image processors not connected to the DICOM network.

Accessory equipment connected to the analog and digital interfaces must be certified according to the respective IEC standards (i.e. IEC 60950 for data processing equipment and IEC 60601-1 for medical equipment).

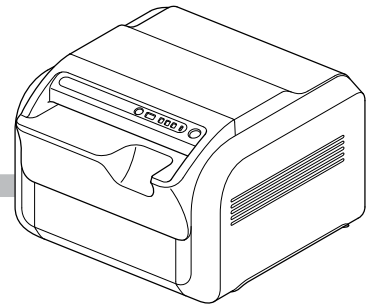
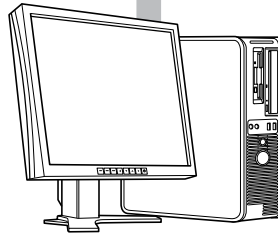
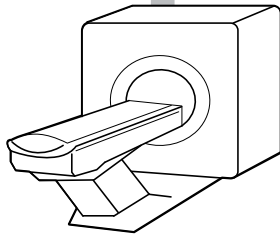
Furthermore all configurations shall comply with the system standard IEC 60601-1 Chapter 16. Everybody who connects additional equipment to the signal input part or signal output part configures a medical system, and is therefore, responsible that the system complies with the requirements of IEC 60601-1 Chapter 16. If in doubt, consult the technical services department or your local representative. Use an IEEE 802.3 conformant HUB.

For details on connection devices, contact our official dealer.

The figure below shows an example of a DRYPIX Smart connected to a network.



Network Configuration



## 2.2 Features

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This section describes the main features of the Fuji Medical Dry Laser Imager DRYPIX Smart.

- This equipment adopts a system that records images with the laser and develops them by means of thermal processing, doing away with the need for management or replenishment of processing chemicals and disposal of waste solutions.

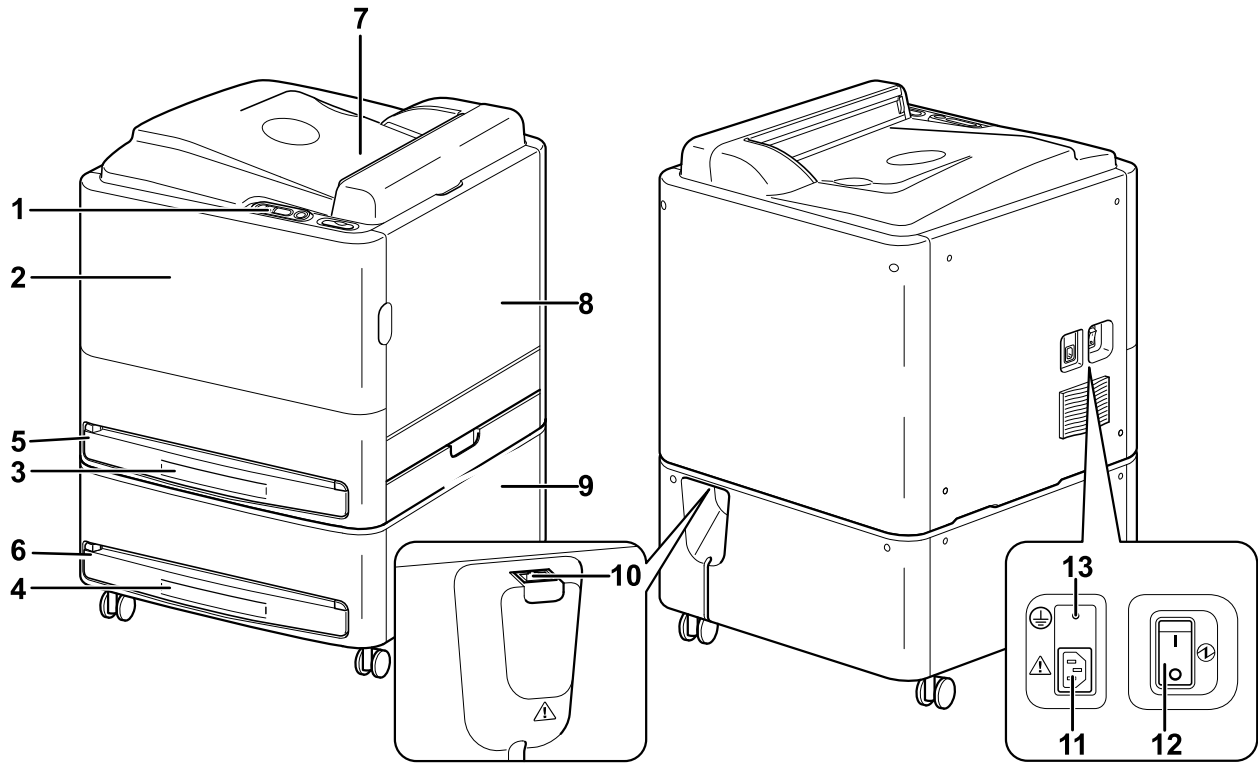
This equipment thus uses an environment-friendly system.

- There is no need for darkrooms since the film packs can be replaced in bright locations.
- You can set up power saving mode to save power consumption of the equipment.
- When a film jams, you can correct it by opening covers as necessary.

## 2.3 Units Names and the Functions

This section names each of the DRYPIX Smart components and explains their functions.

### 2.3.1 Main Unit



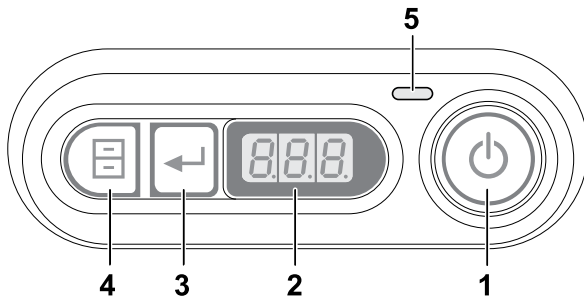
1	<p>Operation panel</p> <p>Operation panel for the DRYPIX Smart.</p>
2	<p>Front cover</p> <p>Open this cover when a film jam occurs inside the equipment, and take appropriate actions to correct film jamming.</p>
3 4	<p>Film tray 1, Film tray 2</p> <p>A film pack containing new films is loaded here. Note that basically this film tray is locked.</p> <p>→ “3.2 Replacing the Film Pack” → “3.3 Replacing Film Tray”</p>
5 6	<p>Slot 1, Slot 2</p> <p>A slot to insert the film tray.</p>
7	<p>Output film tray</p> <p>Ejected output films are stacked in this film tray. Up to 50 films can be stacked. If the stack exceeds 50 units, it may fall over.</p>
8 9	<p>Right-side cover, Bottom right-side cover</p> <p>Open this cover when a film jam occurs inside the equipment, and take appropriate actions to correct film jamming.</p>
10	<p>LAN connector</p> <p>Connected to the image network devices. 10base-T/100base-TX/1000base-T Interface</p>

11	Power inlet Power inlet for this equipment.
12	Main power switch Basically leave this switch turned ON ( I ). <ul style="list-style-type: none"><li>• ON ( I ): Main Power ON</li><li>• OFF ( O ): Main Power OFF</li></ul>
13	Additional protective earth terminal Additional protective earth terminal that the service engineer connects according to the system specifications.

**CAUTION**

- Never open film tray or covers during processing.
- When closing covers, be careful not to pinch your finger in the aperture.
- Do not connect telephone lines to LAN connector. Only UTP-type straight LAN cables of Category 5E or higher are appropriate for connection to this connector.

## 2.3.2 Operation Panel




### 1 Stand-by switch

When the stand-by switch is on, you can use this button to startup or shutdown the DRYPIX Smart.

### 2 Display panel

Error code and the number of films remaining in each film tray are displayed here. Items shown below may also be displayed during printing.

Indication	Description
888	The equipment is starting up. (Between power-on and the initialization start)
ooo	The equipment is being initialized.
o x	The equipment is being initialized (x is the estimated time to boot up)
Pro	Printing is in progress.
oPn	The film tray is unlocked.
PUL	The film tray is locked.
SLP	The equipment is in the sleep mode.
oFL	The service utility is running. (Under work by a service engineer)
EP1/EP2/0-1/0-2	No more film
0~150	Display of the number of film sheets remaining
	<p><b>Note</b></p> <ul style="list-style-type: none"> <li>Normally tray 1. Press  on the operation panel to display Tray 2.</li> </ul>
End	The equipment is shutting down.
U-0~U-7	User utility
SL1/SL2	Tray selection during the user utility
ESC	Cancel user utility
---	Tray retract indication

### 3 Enter button

Unlocks the film tray when the film is empty or shutter is inserted.

If pressed when the number of sheets remaining is displayed, the number of sheets remaining in film tray 2 will be displayed.

It also will determine the operation to go to the next step in the Utility mode.

### 4 Utility button

Pressing this button will enter Utility mode.

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5 Pilot lamp

Shows whether the main power is ON or OFF.

Lit : The main power is [ON].

Off : The main power is [OFF].

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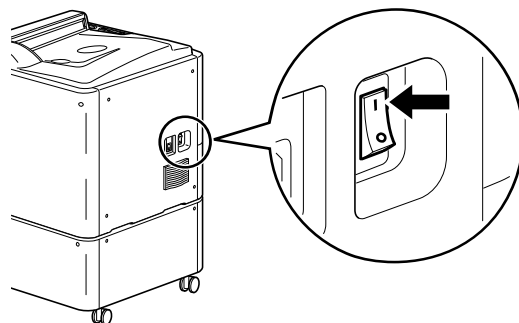


This chapter describes basic operation.

## 3.1 Starting / Shutting Down the Equipment

### 3.1.1 Starting the Equipment

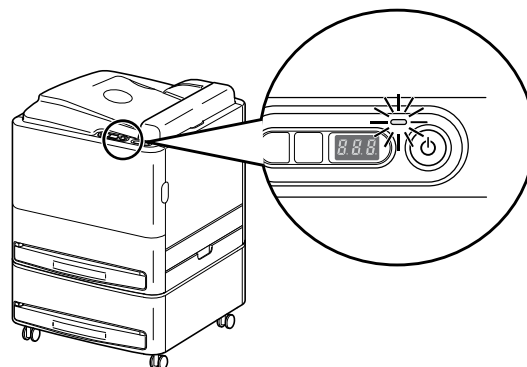
- (1) Switch on the main power switch.




The pilot lamp turns on.

**Note**

- If the Main Power Switch is set to the “I” side, it is in the [ON] status.

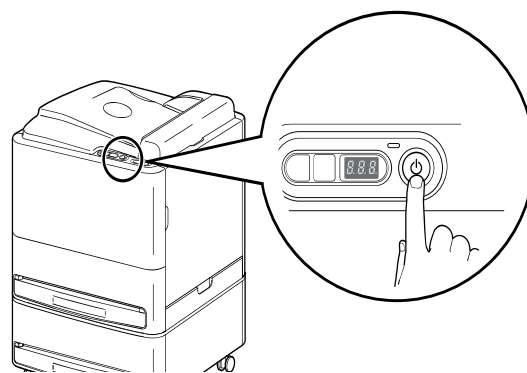


- (2) Touch the  on the Operation Panel.

The DRYPIX Smart equipment starts running in about 10 to 15 minutes after the  has been touched on the Operation Panel.

See “5.2 The Equipment Cannot be Powered ON” if the equipment does not start running properly.

Display panel will display “888” → “000” → “0 X” → ... → “0 1” while the printer is starting up.



- (3) When the equipment starts up, the number of remaining film sheets appears on the display panel.

### 3.1.2 Shutting Down the Equipment

#### CAUTION

- When “End” is displayed, the equipment is shutting down.  
Do not turn off the main power switch when “End” remains displayed, otherwise the equipment may malfunction.  
Do not turn off the main power switch until the “End” display disappears. The time period of the “End” display depends on the setting (approx. 10 to 30 sec.)  
If “End” has been displayed for more than 10 minutes, an error may have occurred in the equipment. Turn the Main Power Switch off and contact our official dealer.


#### Note

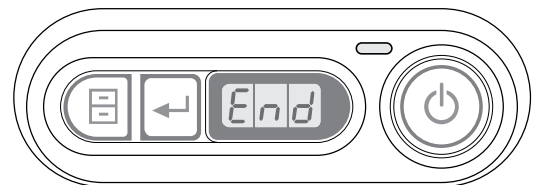
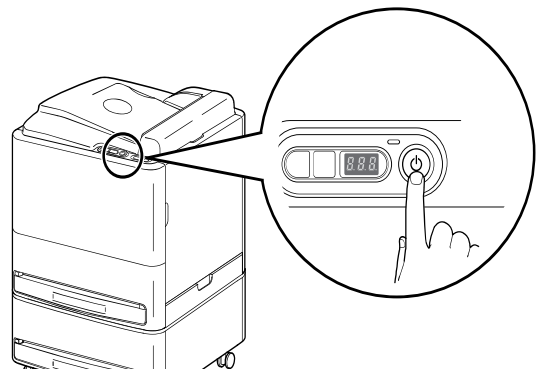
- See “5.3 The Power to the Equipment Does Not Turn OFF” if the equipment does not shut down properly.

- Hold down the  on the Operation Panel for a few seconds.

“End” appears on the display panel.

#### CAUTION

- If you want to reboot the equipment, wait for about 10 seconds or longer after the equipment has been shut down, and then touch the . This is to fully reset the system status inside the equipment.



## 3.2 Replacing the Film Pack


When it is printed with the film in the film tray set to “0”, “EP1” (Film Tray 1) or “EP2” (Film Tray 2) is displayed in the display panel. Prepare Fuji Medical Dry Laser Image Film “DI-HL” or “DI-ML”, pull out the film tray, and replace the film pack.

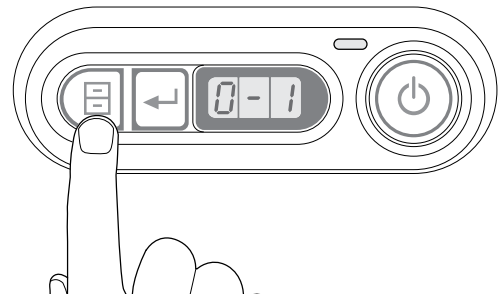
- (1) **When the film in the film tray runs out during the film feeding, the film being fed is automatically output and “EP1” or “EP2” is displayed in the display panel.**


### Note

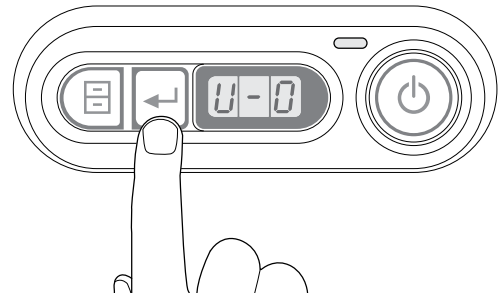
- Use the procedure described below when the same film is loaded in both the film tray 1 and the film tray 2. The service setting is required in advance.


- i) When the film in either of the film trays runs out, “0-1” appears for the film tray 1 and “0-2” for the film tray 2 on the display panel, and an alarm sounds.


Press  twice to stop the alarm and start up the utility.

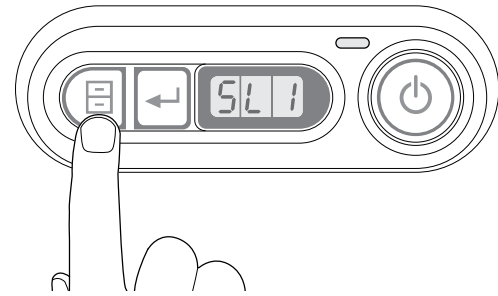


- ii) Press  while “U-0” is displayed on the display panel.



- iii) Press  to select the slot.

- iv) Select the slot and press  to unlock the film tray lock. Go to Step (2) .

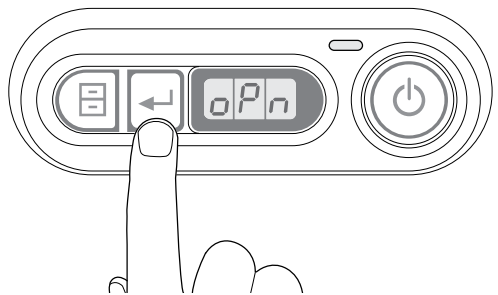


- (2) **Press  and unlock the film tray lock.**

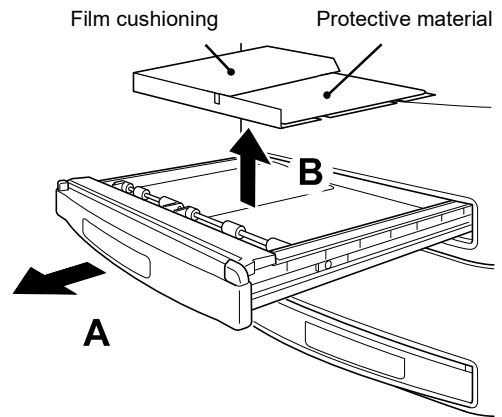
“oPn” appears on the display panel.

### CAUTION

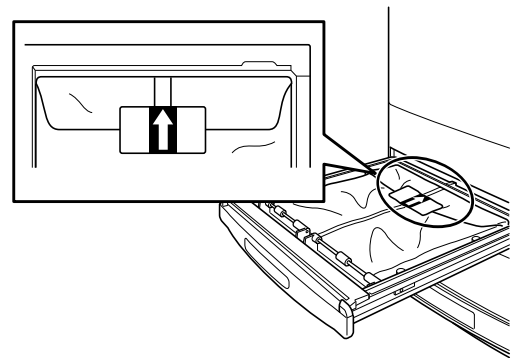
- Be sure to pull the film tray out only after it has been unlocked. Otherwise, a system malfunction will result.



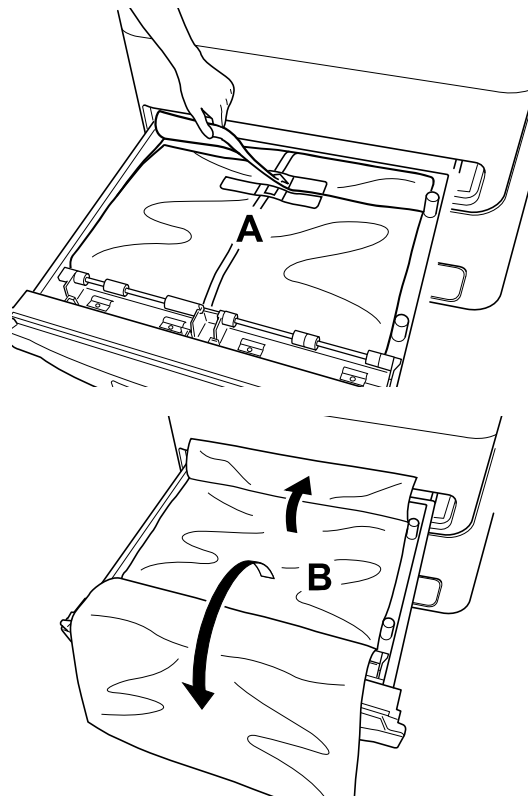
- (3) Pull the film tray out carefully (A), and remove the protective material together with the film cushioning cardboard (B). Discard the removed protective material and film cushioning cardboard.



- (4) Make sure that the arrow mark on the new film pack points to the back side of the film tray.



- (5) Raise one end of the film pack to tear off the label (A), and open both ends of the film pack (B), as illustrated.

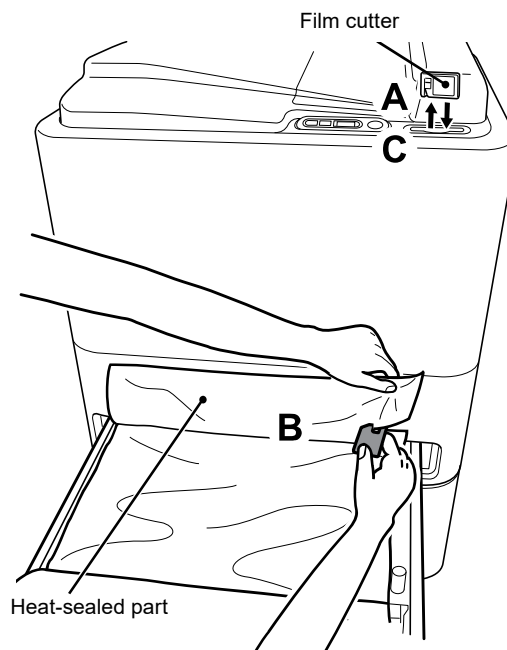


- (6) Use the film cutter stored on the right-hand side of the Operation Panel (A) to cut the film pack along the film tray edge (B). Replace then the film cutter in the position where it has been stored (C).

The film cutter is a consumable item. If the film cutter no longer cuts film properly or is damaged, contact our official dealer.

### CAUTION

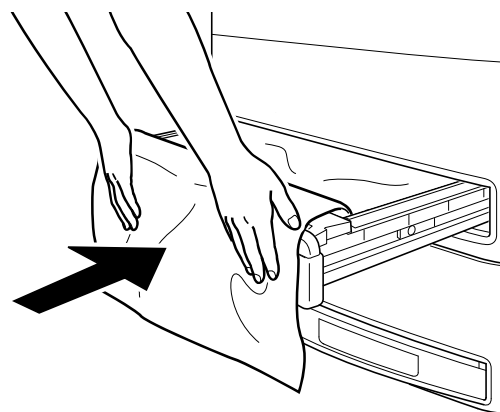
- Make sure to cut off the heat-sealed part of the pack.
- If the film cutter's blade protection is broken, the blade will be exposed posing then danger to the user. Do not touch the unprotected blade. Replace a dull film cutter hard to cut the film pack, as necessary.



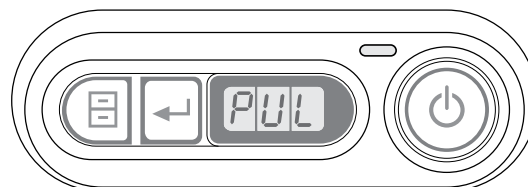
- (7) Slowly push the film tray in until it locks firmly.

### CAUTION

- When closing the film tray, be careful not to pinch your fingers.

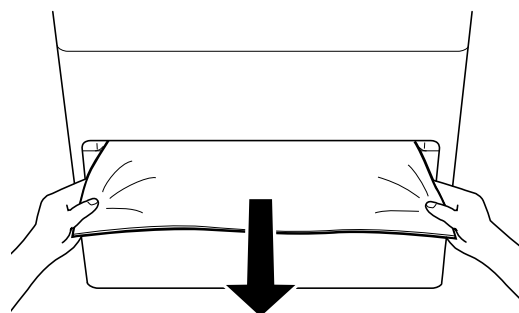


- (8) Make sure that "PUL" is displayed on the display panel.



- (9) Gently and slowly pull out straight toward you one film pack end that is outside the film tray.




This completes the film supply procedure.



**CAUTION**

- An attempt to pull the film pack out at a slant or roughly will cause it to break.
- When “Waiting for size exchange” or “Film size error” is displayed on the status bar of “Queue list” in the image processor, check the display panel of the DRYPIX Smart and take the following measures.
  - If “oPn” is displayed on the display panel, no film is remaining in the film tray. Load new film.
  - When the number of remaining film sheets appears on the display panel, replace the tray with one of a different film size or check the film size of the image processor.

**Note**

- When a film pack is installed, the automatic film density calibration starts and when it finishes, the number of remaining film sheets will be displayed. The number of film sheets in the film tray will be changed.
  - When an error occurs during film feeding, first the film being fed is automatically output, and then the error code appears on the display panel.
- When the ,  or  is pressed to stop the alarm and clear the error, “EP1” or “EP2” appears on the display panel.

### 3.3 Replacing Film Tray

When you are pulling out a film-loaded tray, insert the shutter to avoid exposure to film.

#### CAUTION

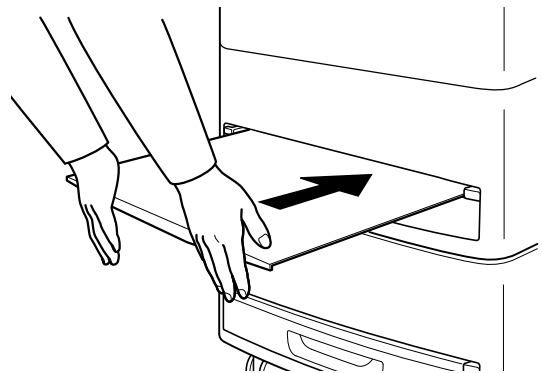
- The table below shows the replaceable film trays.
  - 35.4 × 43.0 cm (14" × 17"), 35.4 × 35.4 cm (14" × 14")
  - 25.7 × 36.4 cm (26 × 36 cm), 25.2 × 30.3 cm (10" × 12")
  - 20.1 × 25.2 cm (8" × 10") \*1
- \*1 25.7 × 36.4 cm (26 × 36 cm), 25.2 × 30.3 cm (10" × 12") and 20.1 × 25.2 cm (8" × 10") films can be used together by the option setting.

- (1) **Carefully place the shutter in the slit at the top of the film tray and fully insert it to the end.**

Check that the display panel is displaying the number of remaining film sheets when inserting the shutter.

#### Note

- The shutter is stored in the rear-side of the DRYPIX Smart.

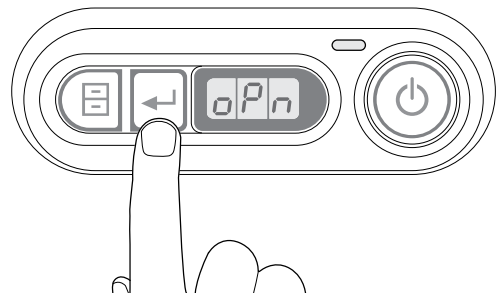


#### CAUTION

- When inserting the shutter, be careful and hold it firmly with both hands to prevent it from dropping.
- When inserting or removing the shutter, take care that your hands are not caught between the parts.

- (2) **Press** .

When the target film tray is unlocked, "oPn" appears on the display panel.




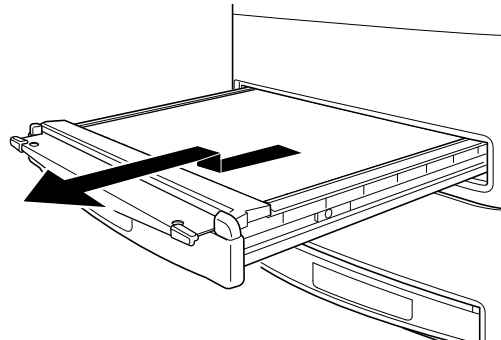
**CAUTION**

- The film tray 1 will be unlocked when the shutters are inserted into both the film tray 1 and the film tray 2.
- The film tray can only be unlocked manually when the following conditions are met.
  - The device is in the idling state.
  - There is one or more film remaining in the film tray.
  - The shutter is inserted.
  - The film tray is inserted.
 Under any of the following conditions, the film tray cannot be unlocked manually.
  - An image is being printed.
  - The Utility mode is running.
  - An error code is being displayed.
 The film tray cannot be unlocked manually during the starting, initializing or exiting the device.

- (3) **Pull out the film tray together with the shutter until it stops, and then slightly lift the tray to completely pull it out.**

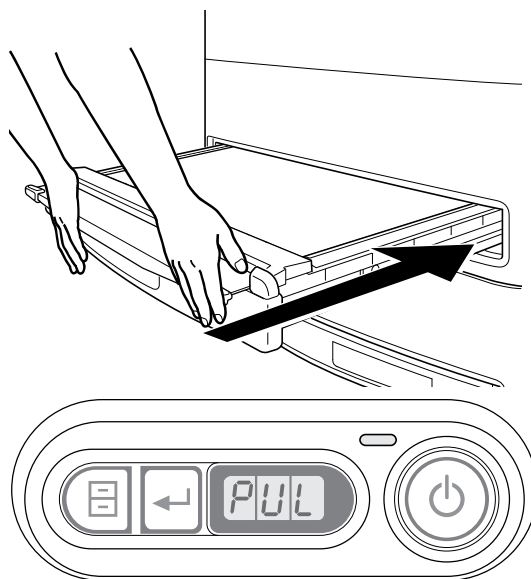
**CAUTION**

- When pulling out the film tray, be careful not to press the lock release button at the back.
  - Normally, the film tray is locked and cannot be pulled out as is. Do not forcibly pull out the tray. First press  and make sure that "oPn" appears on the display panel, and then pull out the tray.
  - Do not remove the shutter while replacing.
  - When you remove the film tray, hold it firmly with your hands, and exercise care not to drop it on the floor.
- The maximum weight of the film tray, including films, is approx. 8 kg (17.6 lb).



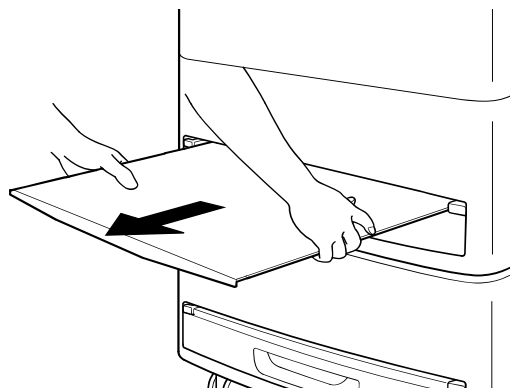
- (4) **Insert the specified film tray together with the shutter.**

“PUL” appears on the display panel.



- (5) **Push the film tray in firmly and make sure that the film tray has been locked correctly. Remove then the shutter.**

The number of films remaining in the film tray when the tray is pulled out appears on the display panel.



**Note**

- Store the shutter in the rear-side of the DRYPIX Smart.

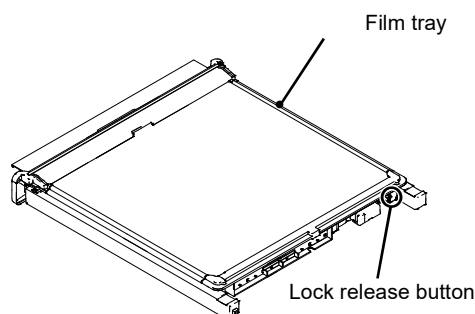
**CAUTION**

- When removing the shutter, be careful and hold it firmly with both hands to prevent it from dropping.
- When inserting or removing the shutter, take care that your hands are not caught between the parts.

The number of films remaining in the film tray when the tray is pulled out appears on the Display panel.

**Note**

- To remove the shutter when the film tray is not inserted, press the lock release button at the back.



## CAUTION

- If the shutter is removed when film remains in the film tray, the film may be exposed.
- When an unregistered film tray is inserted or a different film tray is inserted, “219” appears on the display panel and film tray is automatically unlocked.  
Insert a different film tray.

This chapter describes the functions available in the Utility mode.

## 4.1 Utility List

Following are the functions available in the Utility mode.

For details on the function operation procedures, see the respective pages for referencing shown in the flowchart below.

- Starting Up the Utility
  - ➔ “4.2 Starting Up the Utility (Page 4-3)”
- Quitting the Utility
  - ➔ “4.3 Quitting the Utility (Page 4-4)”
- Automatically Calibrating the Film Density  
Density of print films can be calibrated automatically.
  - ➔ “4.4 Automatically Calibrating the Film Density (Page 4-5)”
- QC Test Pattern Film Reprint  
It is possible to print test pattern films that are required for achieving image Quality Control.
  - ➔ “4.5 Outputting a QC Test Pattern (Page 4-7)”

### Note

- Displayed only when the function has been activated in the service setting.
- Resetting the Remaining Film Counter  
The number of remaining film sheets can be reset.
  - ➔ “4.6 Resetting the Remaining Film Counter (Page 4-9)”
- Setting Sensitive Material Correction Parameters  
The sensitive material correction parameter can be set.
  - ➔ “4.7 Setting the Sensitive Material Correction Parameter (Page 4-11)”
- Setting the Date and Time  
The date of the clock incorporated in this device can be set.
  - ➔ “4.8 Setting the Date and Time (Page 4-14)”
- Outputting the SMPTE pattern  
To check the gray scale, the SMPTE pattern can be output.
  - ➔ “4.9 Outputting the SMPTE pattern (Page 4-16)”
- Outputting the Mammography QC Pattern  
The test pattern necessary for quality check of the image can be output.
  - ➔ “4.10 Outputting the Mammography QC Pattern (Page 4-18)”

### Note

- The table below shows the buttons available when the printer has switched to Utility mode.

---

Utility button

---



Switch to Utility mode.  
In the Utility mode, you can “display the next option”.

---

Set button

---




You can “confirm or execute the current option and proceed to the next step”.

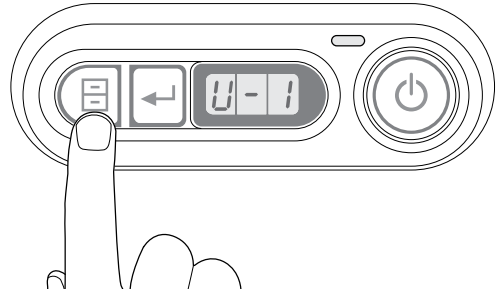
---

## 4.2 Starting Up the Utility

Utility functions that the DRYPIX Smart system offers allow you to operate detailed processing or perform various settings.

Note that the Utility functions cannot be used while the equipment is in process of image printout.

- (1) Press .  
The display panel changes.





## 4.3 Quitting the Utility

---

Shown below is the procedure to quit the Utility mode.

**(1) Display the number or remaining film sheets in either operation, and exit from the Utility.**

- Press  few times.
- Press  when "ESC" is displayed.
- 10 seconds have elapsed without any operation.

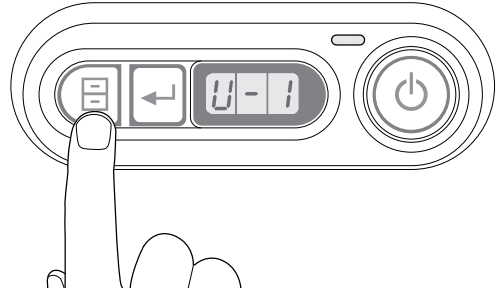
## 4.4 Automatically Calibrating the Film Density


This function is used to calibrate the film density so that films are printed according to the density gradation curve value determined in the equipment.

Use this function when the film manufacturing number has been changed or the output density has changed.

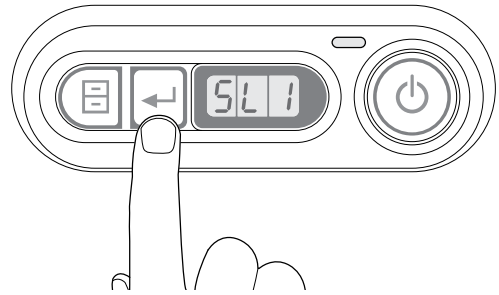
- (1) Press .


The display panel changes and shows "U-1".

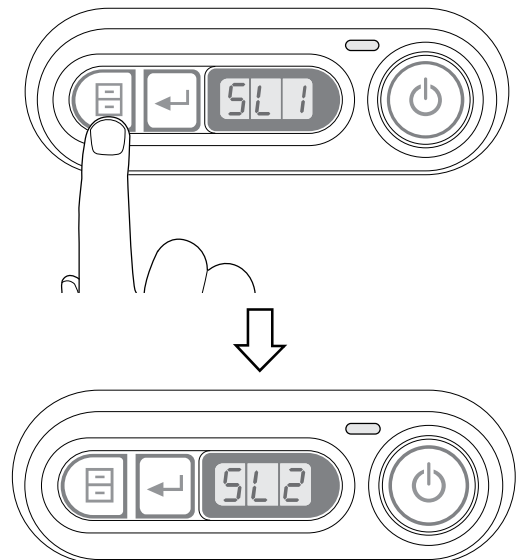


- (2) Press  while "U-1" is displayed.

The slot 1 is displayed.

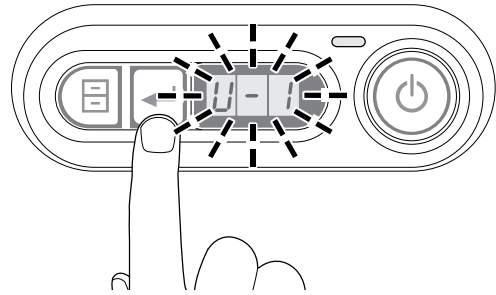


- (3) Press  to select the slot.

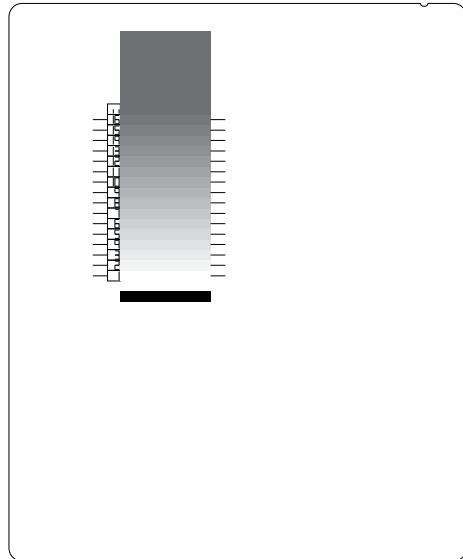


**(4) Select the slot and press .**

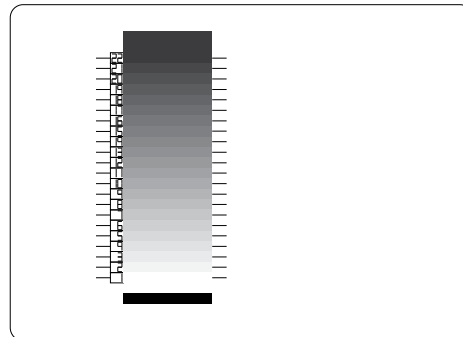
Auto gray level correction will be executed.  
“U-1” in the display panel blinks when auto gray level correction is executed.



Test pattern film (35.4 × 43.0 cm (14" × 17"))



Test pattern film (25.7 × 36.4 cm (26 × 36 cm))



**(5) When a test pattern is printed, the Utility mode automatically exits and the equipment becomes ready for printing again.**

**Note**

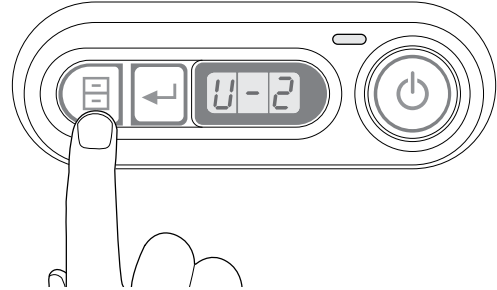
- If an error occurs, see the “Chapter 5 Troubleshooting”.


## 4.5 Outputting a QC Test Pattern

A QC test pattern can be output.  
For details, contact our official dealer.

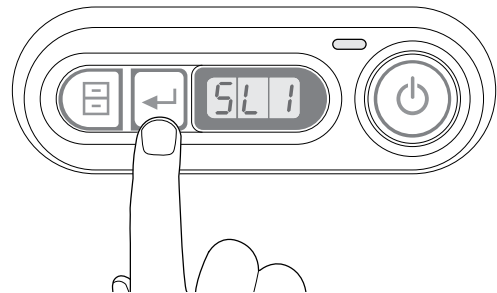
- (1) Press  twice.


The display panel changes and shows “U-2”.

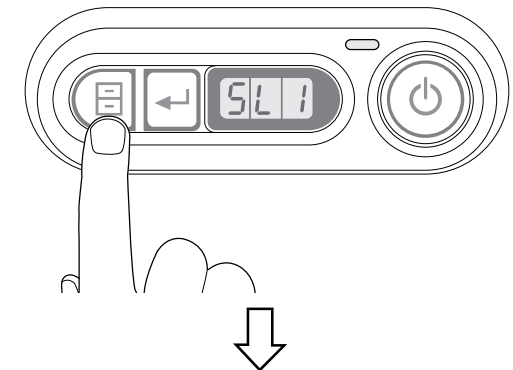


- (2) Press  while “U-2” is displayed.

The slot 1 is displayed.



- (3) Press  to select the slot.

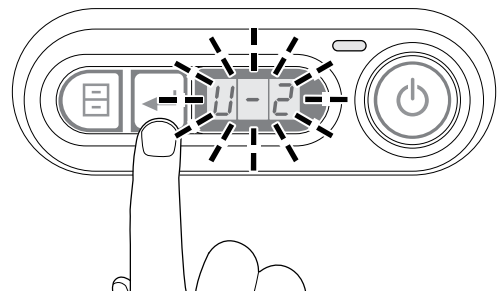


- (4) Select the slot and press .

QC output is executed.  
“U-2” blinks when QC output is executed.

**Note**

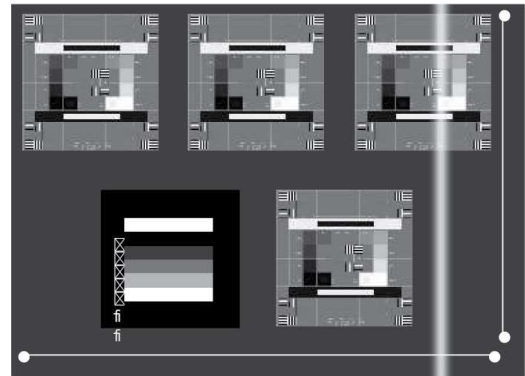
- For details on the QC function, contact our official dealer.



- (5) **When a QC test pattern is output, the Utility mode automatically exits and the equipment becomes ready for printing again.**

**Note**

- If an error occurs, see the “Chapter 5 Troubleshooting”.

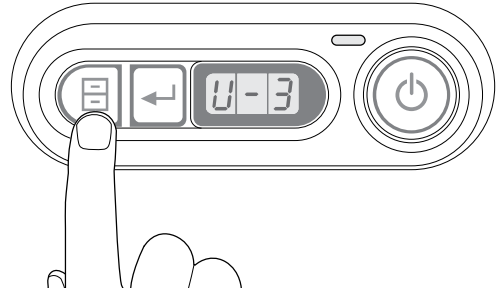



## 4.6 Resetting the Remaining Film Counter

The number of remaining film sheets can be reset.

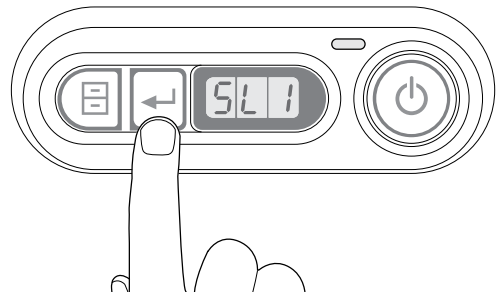
- (1) Press  3 times.


The display panel changes and shows “U-3”.

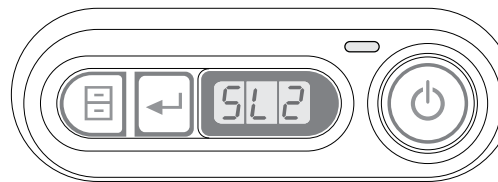
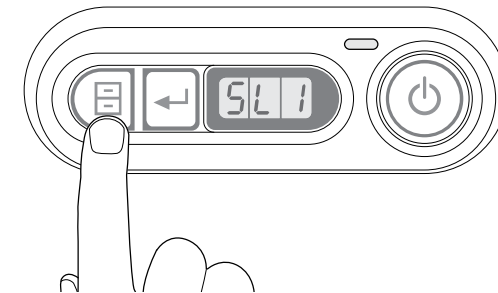


- (2) Press  while “U-3” is displayed.

The slot 1 is displayed.

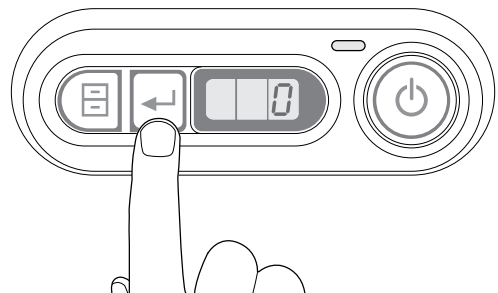


- (3) Press  to select the slot.



- (4) Select the slot and press .

The Remaining Film Counter is reset and “0” is displayed in the display panel.



### CAUTION

- The cumulative number of used films will not be reset.
- If the film tray is not inserted, an alarm sounds and the number of remaining film sheets cannot be reset.

**(5) When the number of remaining film sheets is reset, the Utility mode automatically exits.**

### CAUTION

- When an error occurs, the error code appears. When the error is cleared, the Utility mode automatically exits.

## 4.7 Setting the Sensitive Material Correction Parameter

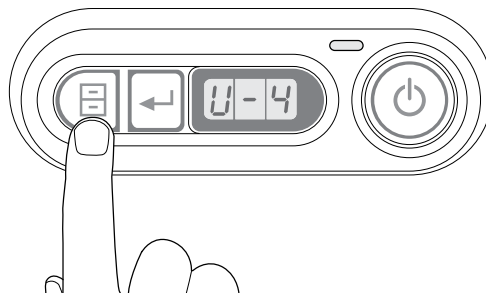
The sensitive material correction parameter can be set.


### CAUTION

- Use this function only when instructed to do so by our official dealer. Do not use this without being instructed to do so.

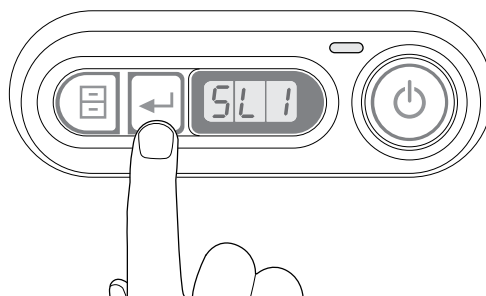
- (1) Press  4 times.


The display panel changes and shows “U-4”.

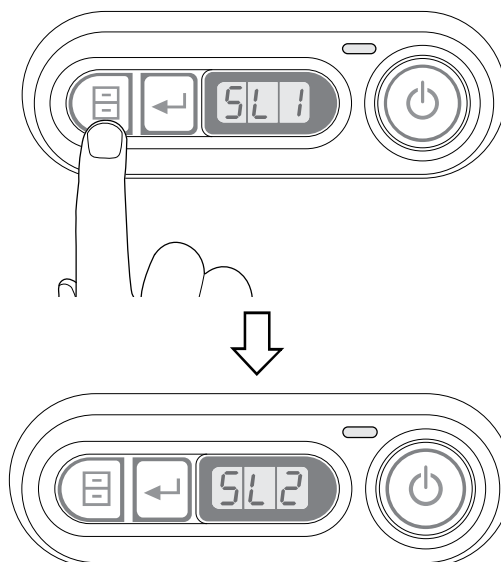


- (2) Press  while “U-4” is displayed.

The slot 1 is displayed.



- (3) Press  to select the slot.

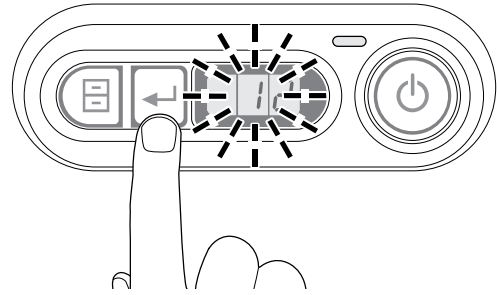



**(4) Select the slot and press .**

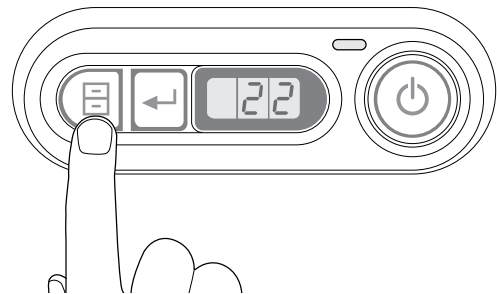
The tenth digit of the first half (consisting of two numbers) of the sensitive material correction parameter blinks.

**CAUTION**

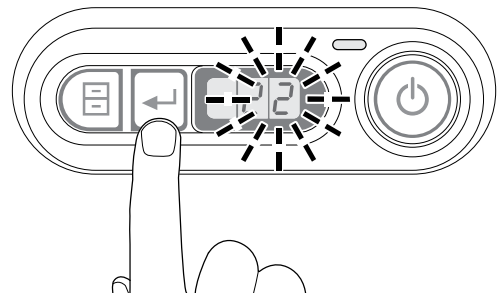
- If the film tray is not inserted, an alarm sounds and the sensitive material correction parameter cannot be set.


**(5) Press .**

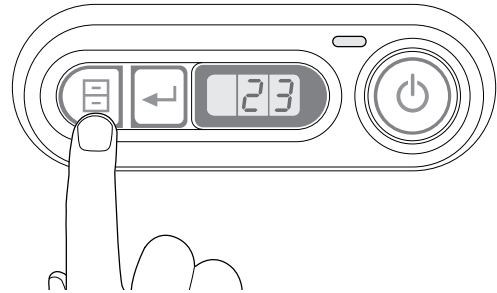
Every time  is pressed, the tenth digit of the first half (consisting of two numbers) of the sensitive material correction parameter increases in steps of 1.

**(6) Press .**

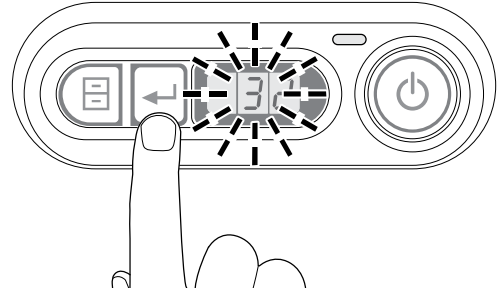
The first digit of the first half (consisting of two numbers) of the sensitive material correction parameter blinks.


**(7) Press .**

Every time  is pressed, the first digit of the first half (consisting of two numbers) of the sensitive material correction parameter increases in steps of 1.

**(8) Press .**

The tenth digit of the last half (consisting of two numbers) of the sensitive material correction parameter (identified as the last two digits) blinks.



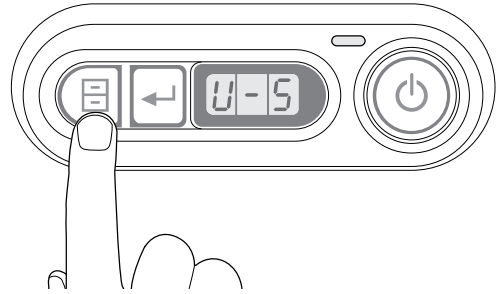
- (9) Repeat Steps 3 to 5 to set the last 2 digits of the sensitive material correction parameter.
- (10) Pressing  determines the sensitive material correction parameter, and the Utility mode automatically exits and equipment becomes ready for printing again.

## 4.8 Setting the Date and Time

The date of the clock incorporated in this device can be set.

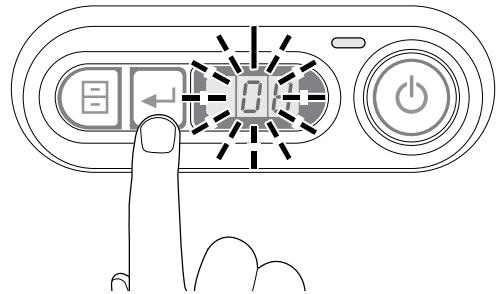
- (1) Press  5 times.

The display panel changes and shows “U-5”.




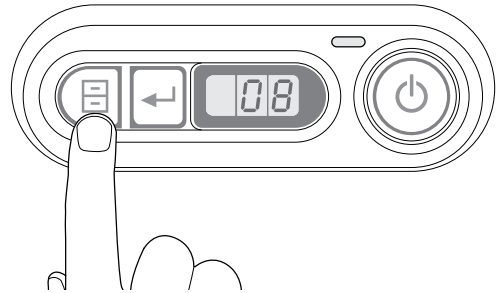
- (2) Press .

The tenth digit of “Year” blinks.



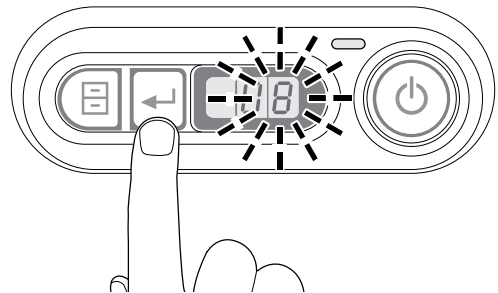
- (3) Press .

Every time  is pressed, the tenth digit of “Year” increases in steps of 1.




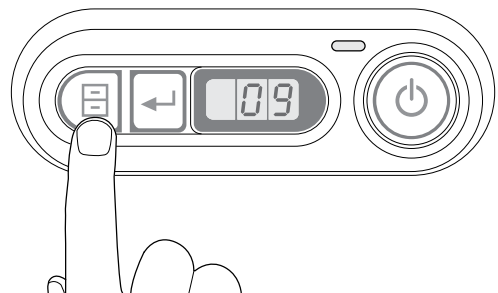
- (4) Press .

The first digit of “Year” blinks.



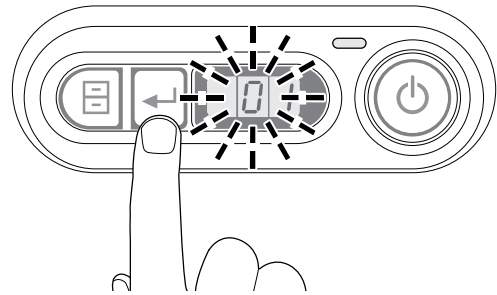
- (5) Press .

Every time  is pressed, the tenth digit of “Year” increases in steps of 1.




(6) Press .

The tenth digit of "Month" blinks.



(7) Repeat Steps 3 to 5 four times to set parameters of month, day, hour and minute.

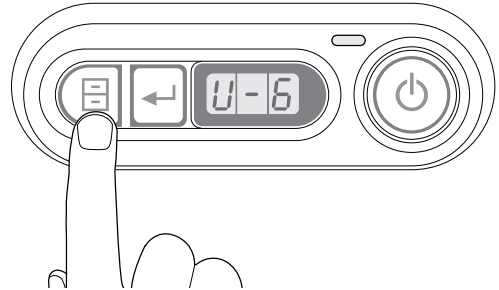
(8) Pressing  determines the date and time, and the Utility mode automatically exits and equipment becomes ready for printing again.

## 4.9 Outputting the SMPTE pattern

To check the gray scale, the SMPTE pattern can be output.

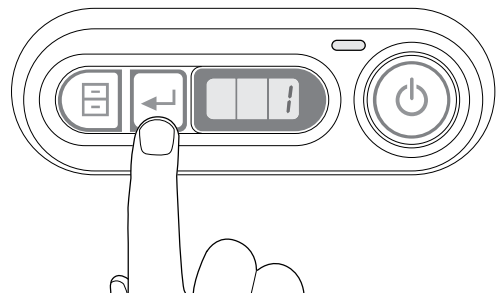
- (1) Press  6 times.

The display panel changes and shows "U-6".




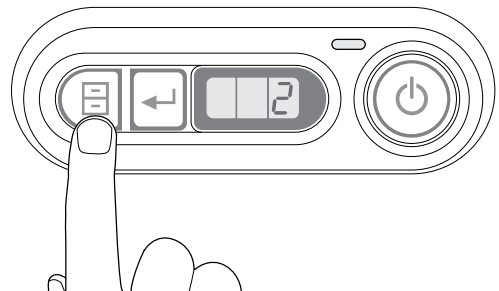
- (2) Press .

Display panel will switch to setting of the SMPTE pattern.



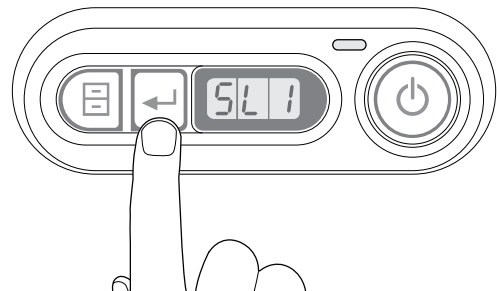
- (3) Press  to set the SMPTE pattern.

Each press of  switches the setting for the SMPTE pattern (1 - 5).

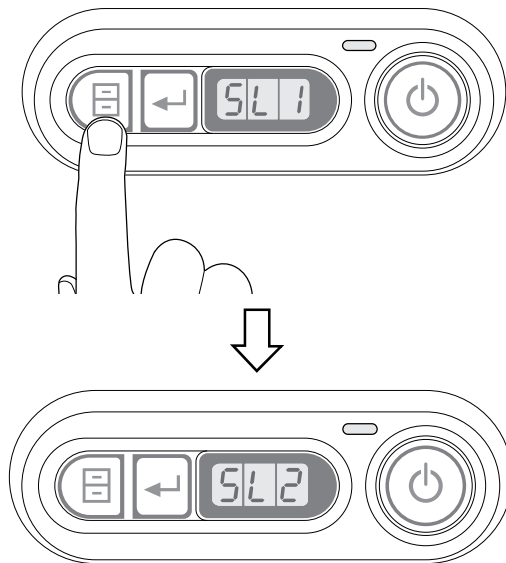


- (4) Press .

The slot 1 is displayed.

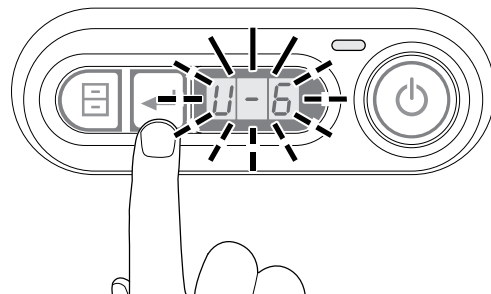


(5) Press  to select the slot.



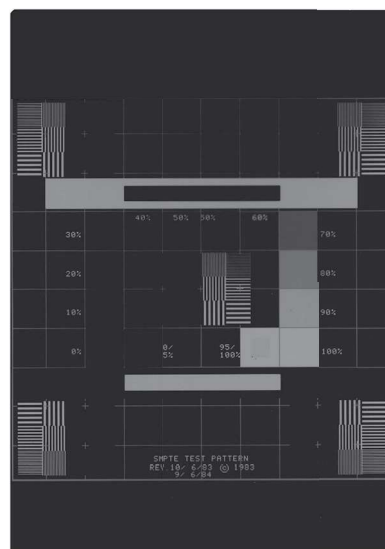
(6) Select the slot and press .

“U-6” blinks while the output of SMPTE pattern is output.



### CAUTION

- Output patterns differ depending on the default settings of the equipment. To change the output patterns, contact our official dealer.



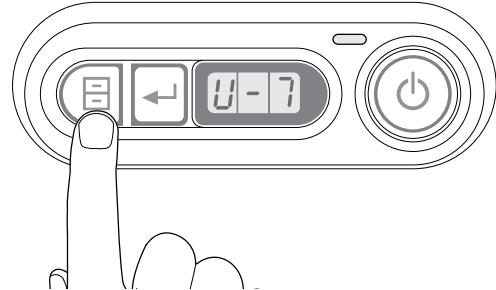
(7) When the SMPTE pattern is output, and the Utility mode automatically exits and equipment becomes ready for printing again.

## 4.10 Outputting the Mammography QC Pattern

The mammography QC pattern can be output.  
For details, contact our official dealer.

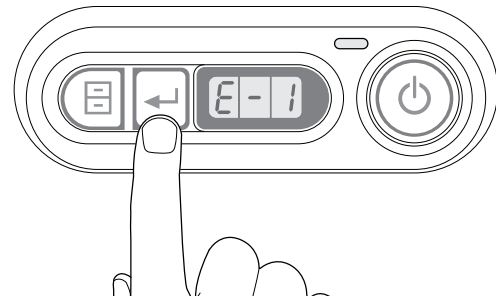
- (1) Press  7 times.

The display panel changes and shows “U-7”.




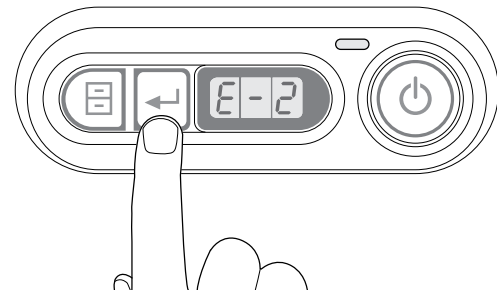
- (2) Press .

Display panel will switch to setting of the mammography QC pattern.



- (3) Press  to set the mammography QC pattern.

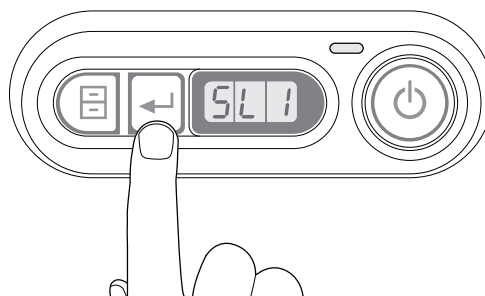

Each press of  switches the setting for the mammography QC pattern.  
“E-1”→“E-2”→...→“E-7”→“n-1”→“n-2”→...→“n-5”→“ESC”




Display panel	Image name
E-1	TG18-QC
E-2	TG18-PQC
E-3	TG18-PQC (HIGH)
E-4	TG18-UN80
E-5	TG18-UN10
E-6	TG18-UNL80
E-7	TG18-UNL10
n-1	TG18-QC
n-2	TG18-PQC
n-3	17-Steps
n-4	Grid
n-5	Special Resolution

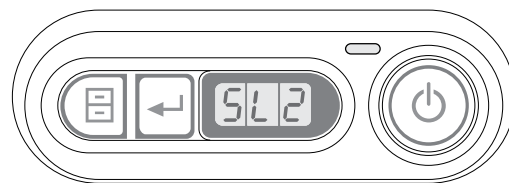
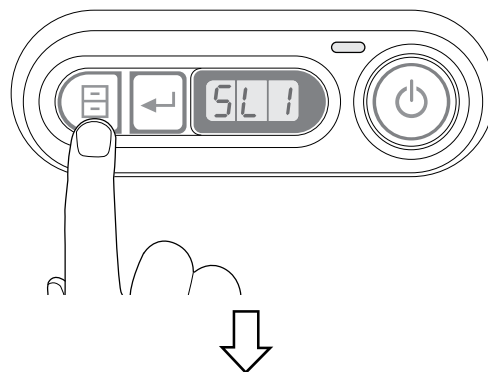
**(4) Press .**

The slot 1 is displayed.

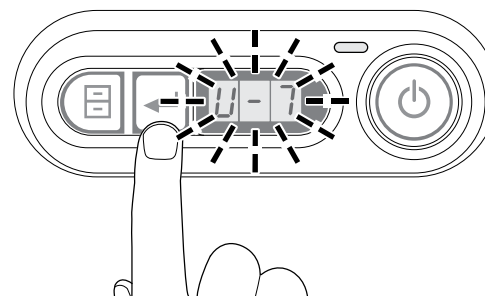
**(5) Press  to select the slot.**

Each press of  switches the setting for the mammography QC pattern.

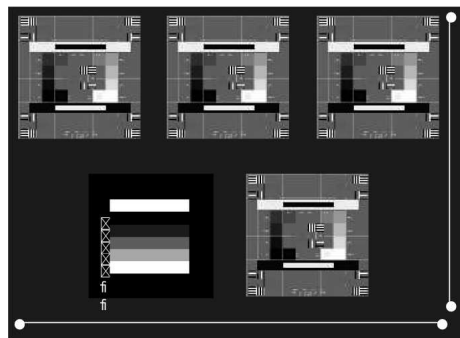
(“E-1”→“E-2”→...→“n-1”→“n-2”→...→“ESC”)

**(6) Select the slot and press .**

“U-7” blinks while the output of mammography QC pattern is output.

**(7) If outputting a mammography QC pattern, the Utilities are terminated automatically, and the device returns to a status where you can print.****Note**

- When an error occurs, refer to “Chapter 5 Troubleshooting”.





This chapter describes actions should be taken if problems occur in this product.

## 5.1 In Case a Problem May Arise

When the equipment does not operate normally, see the relevant page for you to take necessary actions appropriately, according to the symptom shown below.

If the problem cannot be solved properly, contact our official dealer.

The Equipment Cannot be Powered ON	→ Page 5-2
The Power to the Equipment Does Not Turn OFF	→ Page 5-4
Error Code List	→ Page 5-5
When a Film Jam Occurred	→ Page 5-7
Jam Position: Film Tray	→ Page 5-8
Jam Position: Conveyance Unit	→ Page 5-14
Jam Position: Recording Unit	→ Page 5-16
Jam Position: Thermal Development Unit	→ Page 5-18
Jam Position: Ejection Unit	→ Page 5-20

## 5.2 The Equipment Cannot be Powered ON

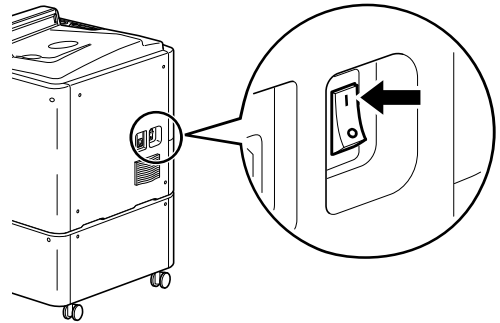
The equipment cannot be powered ON even at the press of the stand-by Switch.

---

Isn't the power supply turned off?

---


- Set the Main Power Switch to the “|” side to turn it ON.  
When power is supplied, the pilot lamp lights up.

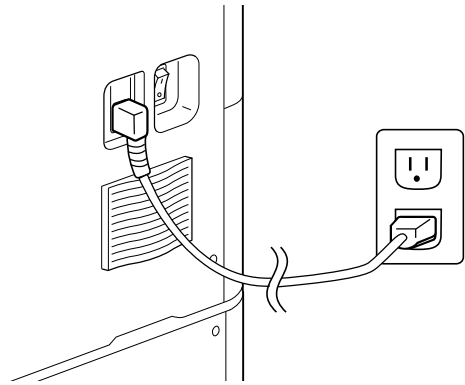


---

Isn't the power cord disconnected?

---

- Turn the Main Power Switch OFF and then plug the power cord firmly in the outlet. Turn the Main Power Switch on and then press . When power is supplied, the pilot lamp lights up.



## 5.2.1 The Equipment Does Not Start Up Normally

---

Even though the power has been turned ON, the equipment does not start up normally.

### <Nothing appears on the display panel>

Contact our official dealer.




### <An error code appears while the device is in the process of startup>

---

Is an equipment cover open?

---




- When the cover is open or mistakenly opened during the startup, an alarm sounds and the error code “201” appears on the display panel.

Press ,  or  to stop the alarm, and then close the cover. When the cover is closed, the device reboots.

---




Is the film tray pulled out?

---

- When the film tray is pulled out, an alarm sounds and the error code “203” or “207” appears on the display panel. Press ,  or  to stop the alarm. Contact our official dealer. as the film tray may be defective.
- 

Is the shutter inserted in a film tray?

---

- When the shutter is inserted, an alarm sounds and the error code “204”, “208”, “205” or “209” appears on the display panel. Press ,  or  to stop the alarm and remove the shutter on the film tray. Remove the shutter to reboot the device.
-

## 5.3 The Power to the Equipment Does Not Turn OFF

The device does not exit even if the stand-by Switch is held down for a few seconds.

### <An error code does not appear>

---

Does an unprocessed film remain in the equipment?

---

- After the film output is finished, hold down the stand-by switch for a few seconds and then turn the power off.
- 

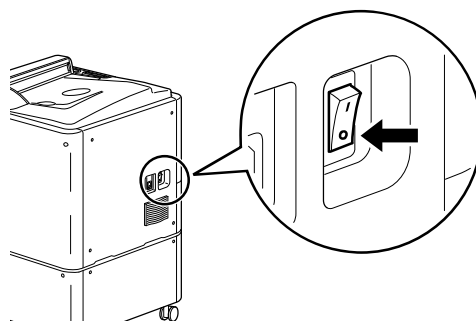
### <“End” remains displayed for more than 10 minutes.>

---

10 minutes or more has passed since “End” appears on the display panel.

---




- Turn OFF (press to the O side) the Main Power Switch at the bottom right-side corner on the side of the equipment.



### CAUTION

- Normally “End” is displayed for 10 to 30 seconds after pressing the Stand-by switch. Do not turn off the Main Power Switch during this period, otherwise the equipment may malfunction.

## 5.4 Error Code List

When an error occurs on the device, an alarm sounds and the error code appears on the display panel. Press ,  or  to stop the alarm.

The error codes appearing on the display panel are listed below.

Error code	Actions
201	Check that the right side cover is closed, and close the front cover.
203/207	Load the tray. (Slot 1/Slot 2)
204/208	Remove the shutter. (Slot 1/Slot 2)
206/210	Release the tray lock after inserting the shutter. (Slot 1/Slot 2)
211	An error has occurred with the auto density measurements. Try again.
212	An error has occurred with the density measurements of the QC print. Try again.
213	The end of the operating life of the laser is close, however it can still be used. Note that the printer will need to be serviced, so contact our official dealer.
214	The end of the operating life of the laser has expired. The printer will need to be serviced, so contact our official dealer.
215	The film size is different. Set the tray with 14"x17" film loaded.
216	The film size is different. Set the tray with 14"x14" film loaded.
217	The film size is different. Set the tray with 10"x14" film loaded.
218	The film size is different. Set the tray with 10"x12" film loaded.
219	The film size is different. Set the tray with 8"x10" film loaded.
220	An unregistered tray has been set. Set a registered tray.
221/223	The film has become jammed in the sheet-feeder. For details, see page 5-8 (Slot 1/Slot 2)
226/227	The film has become jammed in the conveyance unit. For details, see page 5-14.
228	The film has become jammed in the recording unit. For details, see page 5-16.
230	The film has become jammed in the thermal development unit. For details, see page 5-18.
232	The film has become jammed in the discharge unit. For details, see page 5-20.
244	Reading of a barcode has failed. Load the tray again.
245	A different barcode has been detected. Load correct films.
246	Films with a different base color have been loaded. Load correct films.
249	A tray for a film size different from the setting has been loaded. Load the tray for the correct film size.
660	Contact our official dealer.

If an error code other than above appears, take a note of it and contact our official dealer.

## CAUTION

- This equipment is designed to output image data on the film using lasers. Life of the lasers is limited and managed by the equipment. When the end of their life approaches, the error code “213” appears, and about a month later, the “214” appears indicating that lasers will soon be inoperative. When the error code “214” appears, contact our official dealer.

## 5.5 When a Film Jam Occurred

When a film jams inside the device, an alarm sounds, an error code appears and then the processing is aborted.

Check the error code and remove the jammed film.

If a film jam occurs, take the necessary actions according to the procedures listed below.

- Error codes : 221, 223  
→ Page 5-8
- Error codes : 226, 227  
→ Page 5-14
- Error codes : 228  
→ Page 5-16
- Error codes : 230  
→ Page 5-18
- Error codes : 232  
→ Page 5-20

### CAUTION

- Do not reload in a tray a film that has once jammed in the equipment.  
Do not take unused films out of a tray or add new films in an already-loaded film pack.  
This will result in a misoperation or failure of the equipment. Correct output result will not be obtained either.
- When locking a tray or cover, be careful not to pinch your fingers or hands.
- You may burn yourself if your bracelet or necklace touches high-temperature parts or units, such as inlet of the Thermal Development Unit (areas around where the Front Cover is opened).

### 5.5.1 Film jamming when the error code “221” or “223” is displayed

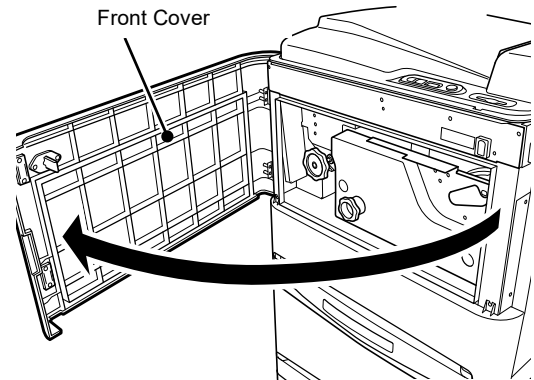
Use the procedure described below to remove a film jamming at the back of a film tray.

#### CAUTION

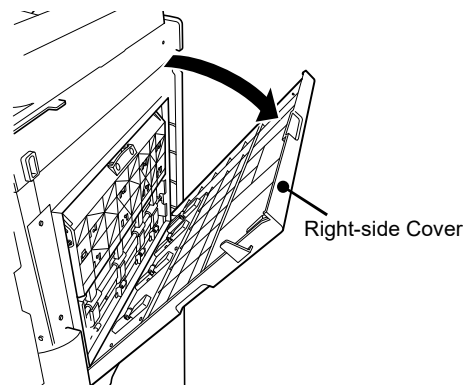
- When handling any cover in the equipment, hold it by the green part. Handling a cover by holding another part may cause a malfunction or injury.

(1) Confirm that the error code “221” or “223” appears on the display panel.

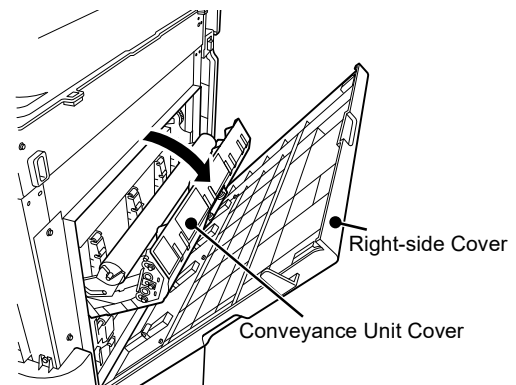
(2) Open the front cover.



(3) Open the right-side cover.



(4) Open the conveyance unit cover inside of the right-side cover.

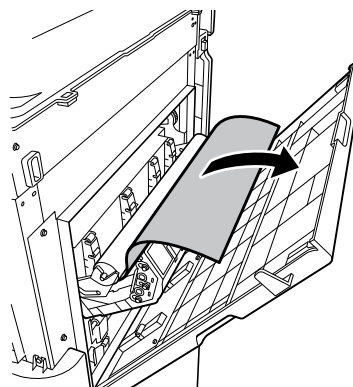


(5) Remove a jam film if there is any.

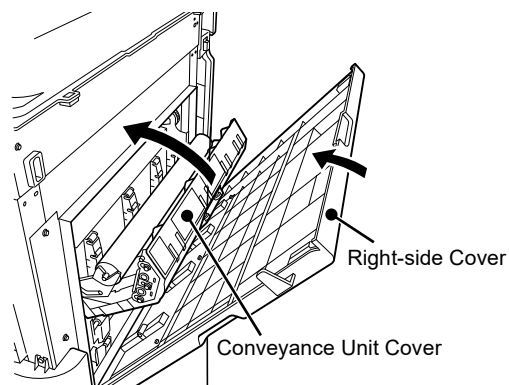
### CAUTION

- Removing a jam film forcibly may result in damaging a roller or other units.

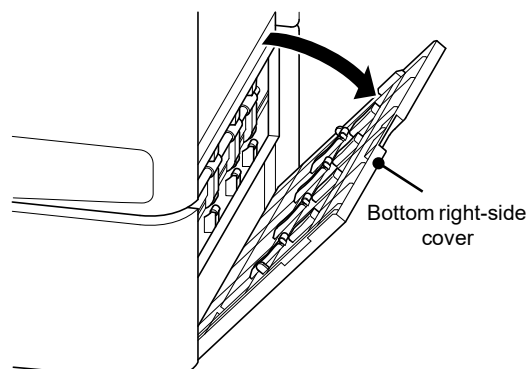
→ Go to Page 5-10 when there is no jam film inside the right-side cover.



(6) Close the conveyance unit cover → right-side cover in this order.



(7) Open the bottom right-side cover.

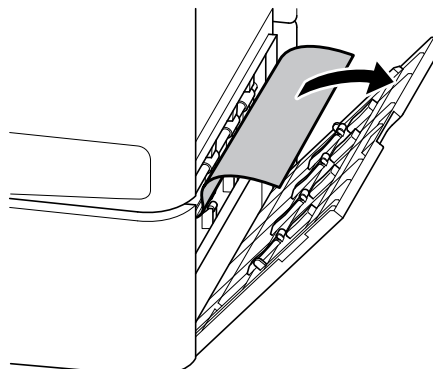


(8) Remove a jam film if there is any.

### CAUTION

- Removing a jam film forcibly may result in damaging a roller or other units.

→ Go to Page 5-10 when there is no jam film inside the right-side cover and the bottom right-side cover.



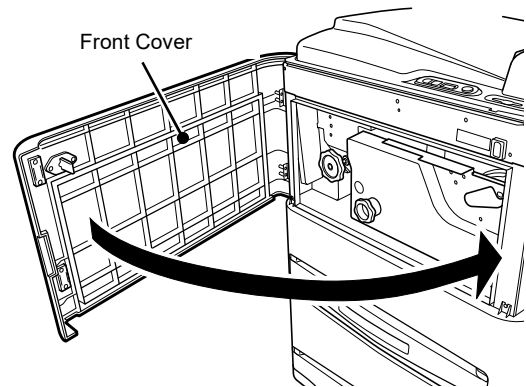
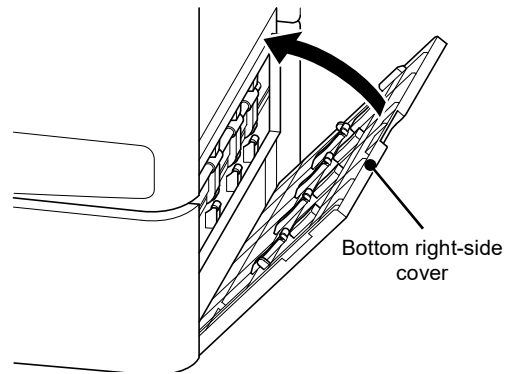
(9) Close the bottom right-side cover → front cover in this order.

**CAUTION**

- When closing covers, be careful not to pinch your fingers.

**Note**

- A defectively output image will be printed again.



◆ When there is no film jamming inside the right-side cover and the bottom right-side cover

When a film is jammed at the back of the slot 1 or the slot 2, remove the jammed film in following procedures.

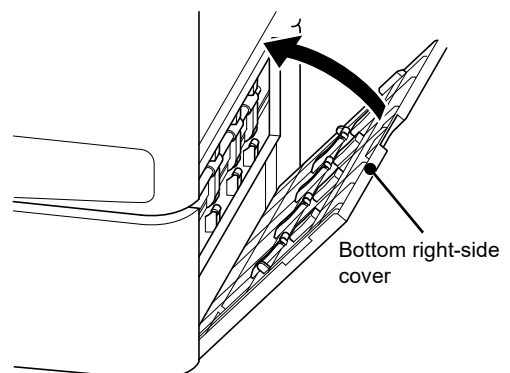
**CAUTION**

- When handling any cover in the equipment, hold it by the green part. Handling a cover by holding another part may cause a malfunction or injury.

(1) Close the bottom right-side cover → front cover in this order.

**CAUTION**

- When closing covers, be careful not to pinch your fingers.



- (2) Carefully place the shutter in the groove on top of Film Tray 1 and push it in straight as far as it will go.

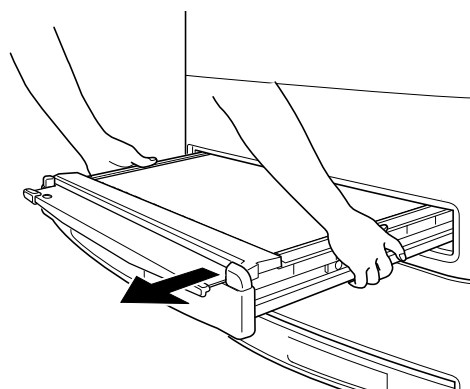
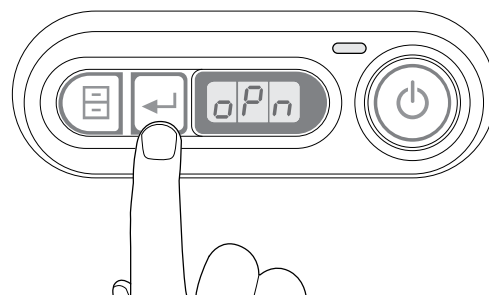
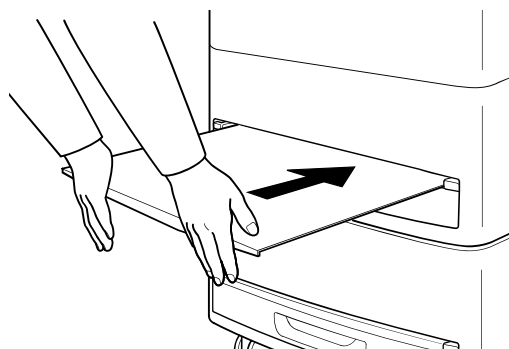
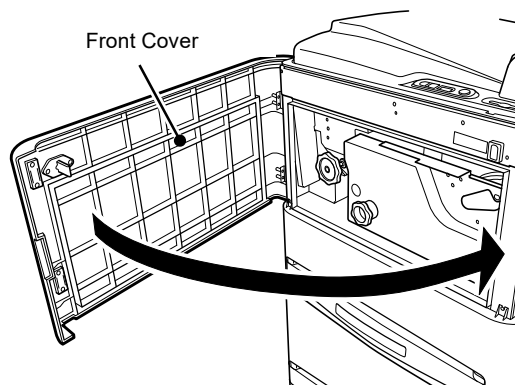
### CAUTION

- When inserting the shutter, be careful and hold it firmly with both hands to prevent it from dropping.
- When inserting or removing the shutter, take care that your hands are not caught between the parts.
- If the shutter cannot be inserted in the film tray, do not forcible press it but contact our official dealer.

- (3) Press  to unlock the film tray.

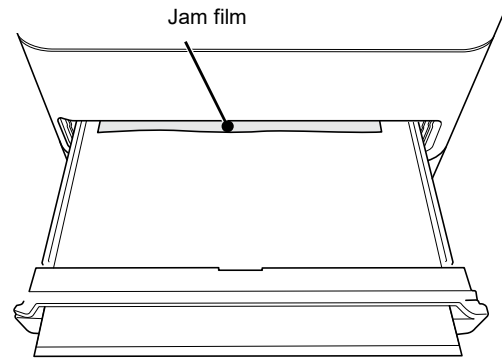
“oPn” appears on the display panel.

- (4) Pull the film tray 1 out toward you.



- (5) **Check to see if a film is jamming at the back of the film tray 1.**

→ Go to procedure below if there is no film jamming at the back of the film tray.



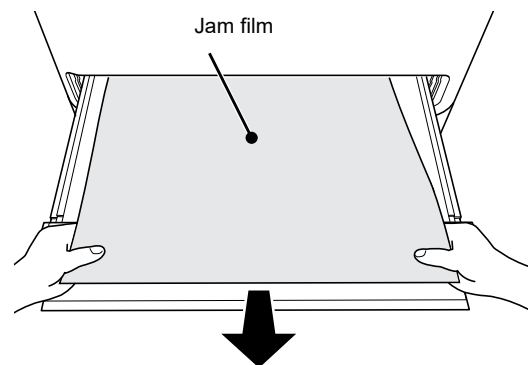
- (6) **If there is no film jammed at the back of film tray 1, check if there is a film jammed at the back of film tray 2.**

### CAUTION

- To unlock the film tray 2, insert the shutter only in the film tray 2. The film tray 1 will be unlocked when the shutters are inserted into both the film tray 1 and the film tray 2.

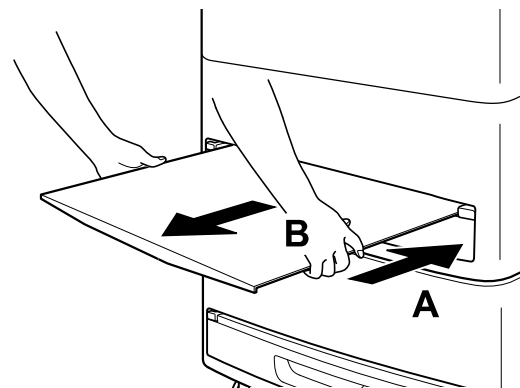
→ Go to Page 5-13 when there is no jam film at the back of film tray 1 and film tray 2.

- (7) **Carefully pull the jam film out toward you to remove it.**



- (8) **Push the film tray in firmly as far as it will go (A), and remove then the shutter (B).**

After 3 to 5 minutes approximately, the equipment will be ready for printing.



## CAUTION

- When closing covers, be careful not to pinch your fingers.
- When inserting or removing the shutter, take care that your hands are not caught between the parts.
- When removing the shutter, be careful and hold it firmly with both hands to prevent it from dropping.


### Note

- A defectively output image will be printed again.

### ◆ When there is no film jamming at the back of a film tray

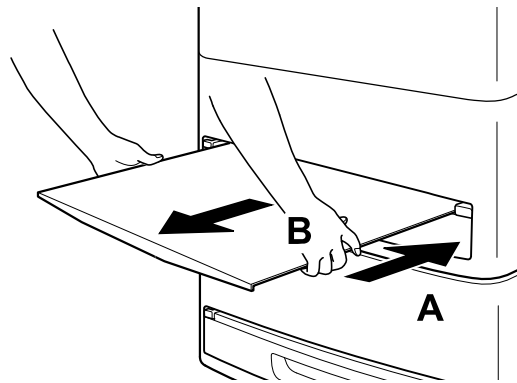
- (1) **Push the film tray in firmly as far as it will go (A), and remove then the shutter (B).**

After 3 to 5 minutes approximately, the equipment will be ready for printing.

If the error code reappears, hold down  for a while to shut down the equipment and restart it. If the error code still reappears, contact our official dealer.

### Note

- A defectively output image will be printed again.



## CAUTION

- When inserting or removing the shutter, take care that your hands are not caught between the parts.
- When removing the shutter, be careful and hold it firmly with both hands to prevent it from dropping.

### 5.5.2 Film jamming when the error code “226” or “227” is displayed

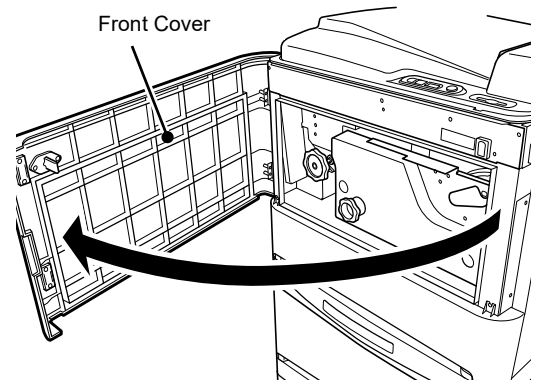
Use the procedure described below to remove a film jamming in the Conveyance Unit.

#### CAUTION

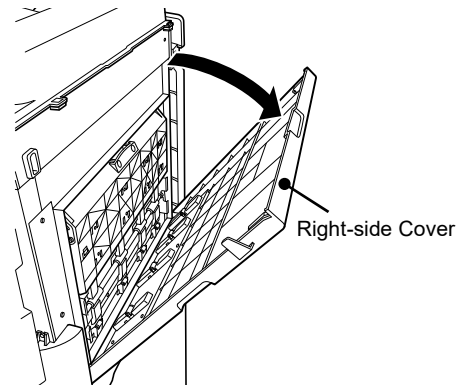
- When handling any cover in the equipment, hold it by the green part. Handling a cover by holding another part may cause a malfunction or injury.

(1) Confirm that the error code “226” or “227” appears on the display panel.

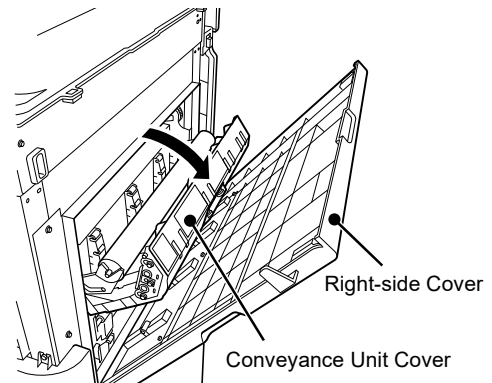
(2) Open the front cover.



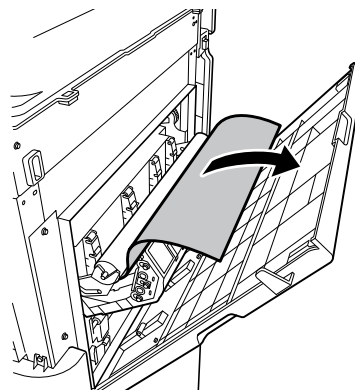
(3) Open the right-side cover.



(4) Open the conveyance unit cover inside of the right-side cover.

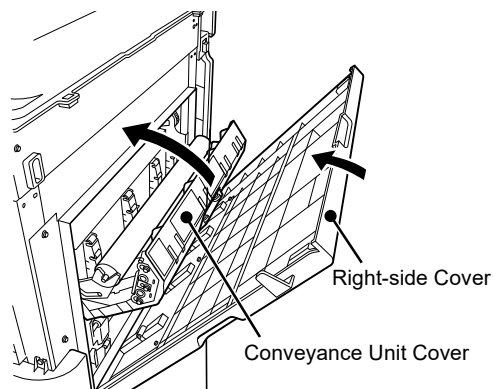


(5) Remove a jam film, if there is any.



(6) Close the conveyance unit cover → right-side cover → front cover in this order.

After 3 to 5 minutes approximately, the equipment will be ready for printing.

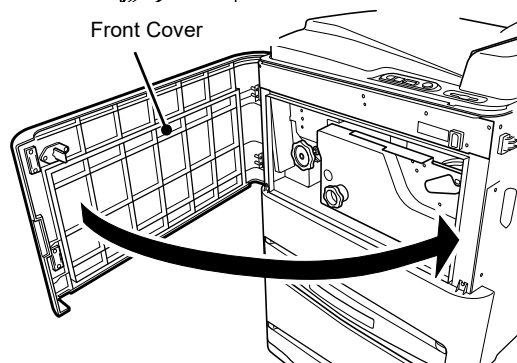


### CAUTION

- When closing covers, be careful not to pinch your fingers.

### Note

- A defectively output image will be printed again.



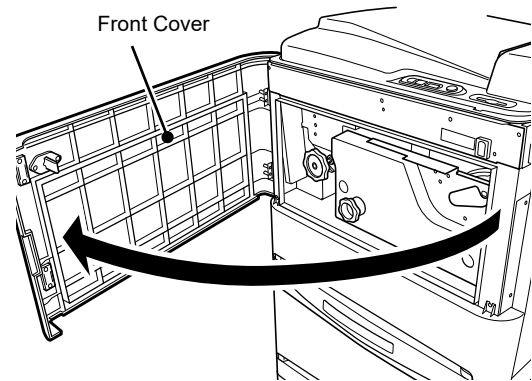
### 5.5.3 Film jamming when the error code “228” is displayed

Use the procedure described below to remove a film jamming in the Recording Unit.

#### CAUTION

- When handling any cover in the equipment, hold it by the green part. Handling a cover by holding another part may cause a malfunction or injury.

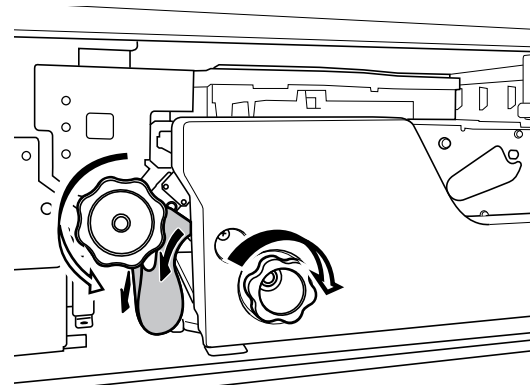
- (1) Confirm that the error code “228” appears on the display panel.
- (2) Open the front cover.



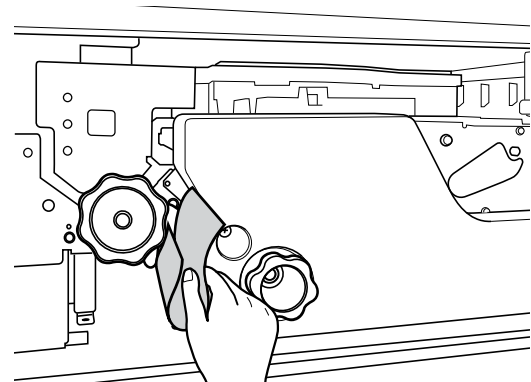
- (3) Slowly turn the right-side handle clockwise to feed the jammed film.

#### Note

- If the handle is turned when power is not supplied to the equipment, the pilot lamp on the Operation Panel may turn on. This does not indicate a functional or performance problem.



- (4) Remove then the jam film.



**(5) Close the front cover firmly.**

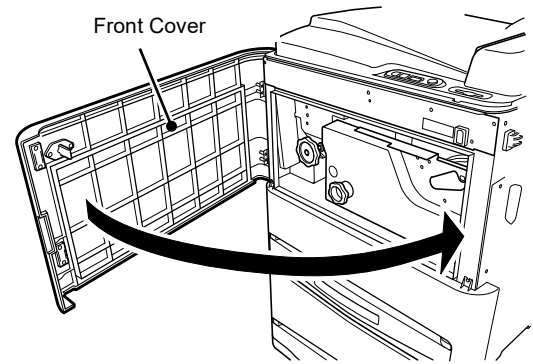
After 3 to 5 minutes approximately, the equipment will be ready for printing.

**CAUTION**

- When closing covers, be careful not to pinch your fingers.

**Note**

- A defectively output image will be printed again.



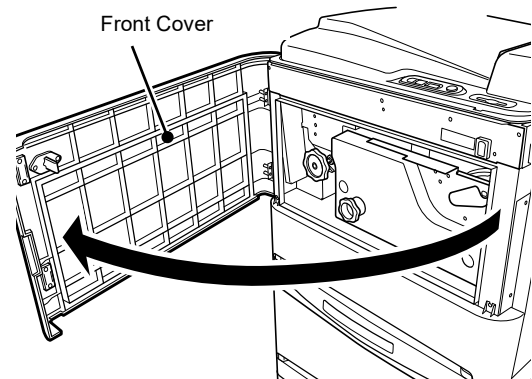
### 5.5.4 Film jamming when the error code “230” is displayed

Use the procedure described below to remove a film jamming in the Thermal Development Unit.

#### CAUTION

- When handling any cover in the equipment, hold it by the green part. Handling a cover by holding another part may cause a malfunction or injury.

- (1) Confirm that the error code “230” appears on the display panel.
- (2) Open the front cover.

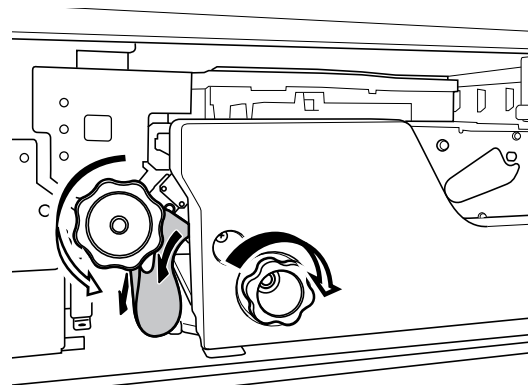


- (3) Slowly turn the right-side and left-side handles to feed the jammed film.

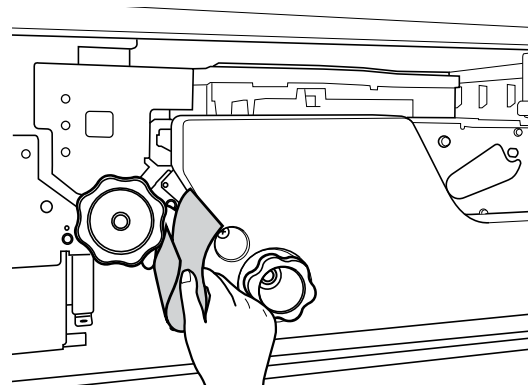
Turn the two handles one by one until a film end comes out completely.

#### Note

- If the handle is turned when power is not supplied to the equipment, the pilot lamp on the Operation Panel may turn on. This does not indicate a functional or performance problem.
- Turn the left-side handle counterclockwise and the right-side handle, clockwise.
- If the film is hidden, turn the left-side handle clockwise. Remove the film ejected from the ejection unit.



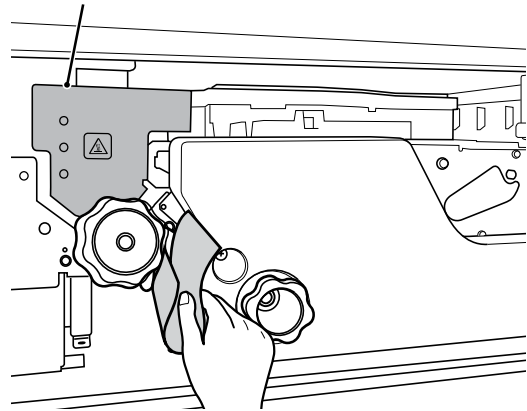
- (4) Remove the jam film.



## CAUTION

- Be careful not to touch the Thermal Development Unit.

Thermal Development Unit



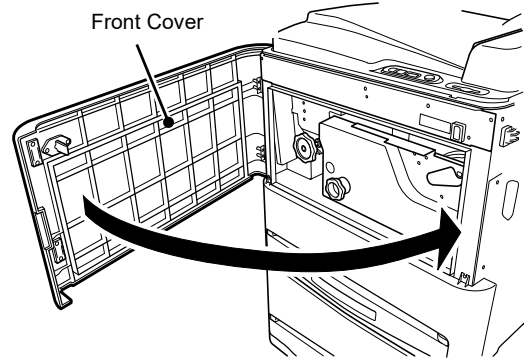
### (5) Close the front cover firmly.

After 3 to 5 minutes approximately, the equipment will be ready for printing.

## CAUTION

- When closing the cover, be careful not to pinch your fingers.

Front Cover



### Note

- A defectively output image will be printed again.

### 5.5.5 Film jamming when the error code “232” is displayed

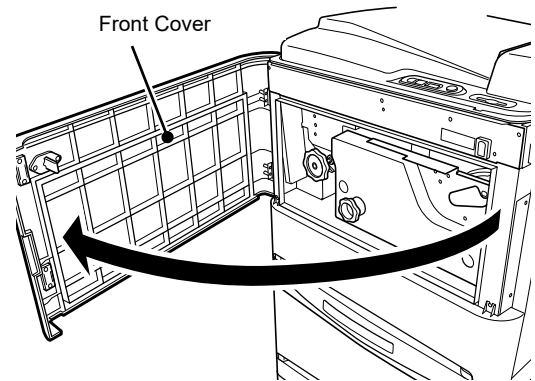
Use the procedure described below to remove a film jamming in the Ejection Unit.

#### CAUTION

- When handling any cover in the equipment, hold it by the green part. Handling a cover by holding another part may cause a malfunction or injury.

(1) Confirm that the error codes “232” appear on the display panel.

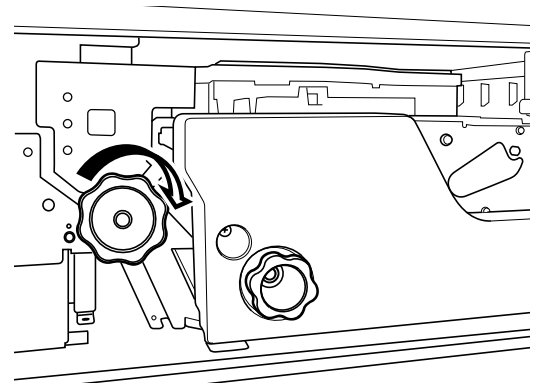
(2) Open the front cover.



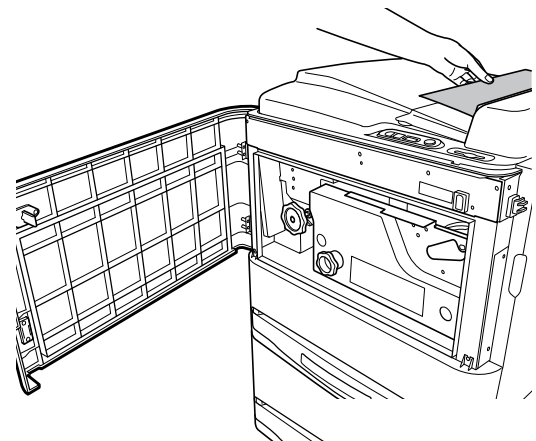
(3) Slowly turn the left-side handle clockwise to feed the jammed film.

#### Note

- If the handle is turned when power is not supplied to the equipment, the pilot lamp on the Operation Panel may turn on. This does not indicate a functional or performance problem.



(4) Remove then the jam film.



**(5) Close the front cover firmly.**

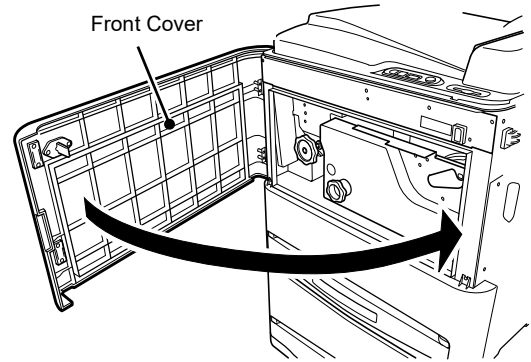
After 3 to 5 minutes approximately, the equipment will be ready for printing.

**CAUTION**

- When closing covers, be careful not to pinch your fingers.

**Note**

- A defectively output image will be printed again.

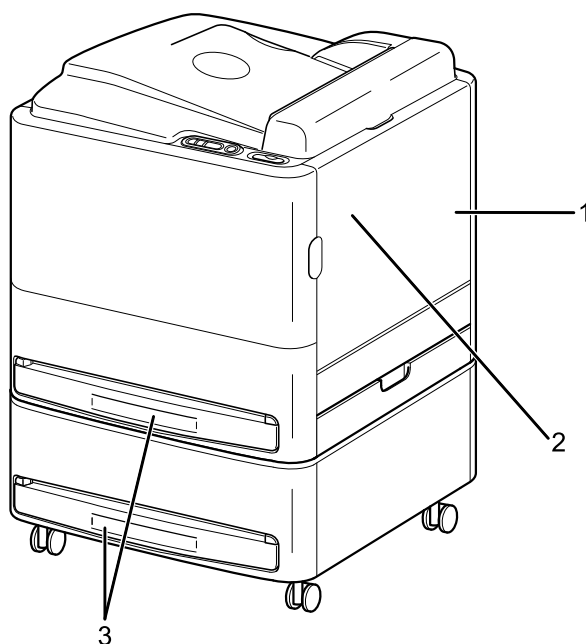




This chapter describes Care and Maintenance

## 6.1 Cleaning the Inside and Surroundings of the Equipment

Once every 3 months, clean the equipment by removing dirt or dust on it.



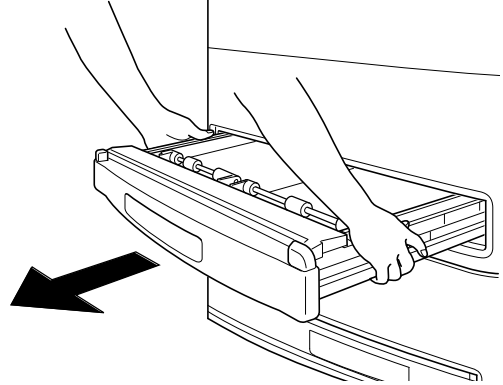
1	Air filter (see “6.1.2 Cleaning the Air Filter”)
2	Cleaning roller (Optional) (see “6.1.3 Washing the Cleaning Roller (Optional) with Water”)
3	Film tray (see “6.1.1 Cleaning a Tray”)

### 6.1.1 Cleaning a Tray

---

Use of dirty film may lead to the degradation of images or equipment malfunction. To prevent this, clean the tray when replacing a film pack or on other occasions.

- (1) Pull the tray out toward you.



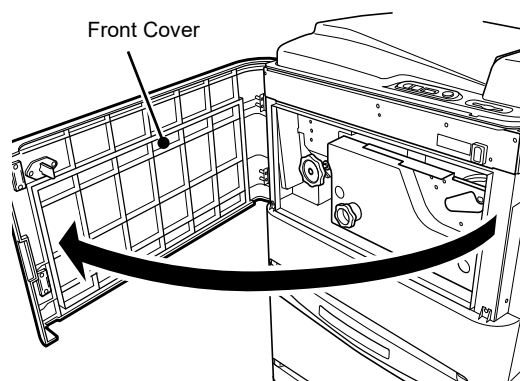
- (2) Vacuum dirt or dust in the tray.

#### **CAUTION**

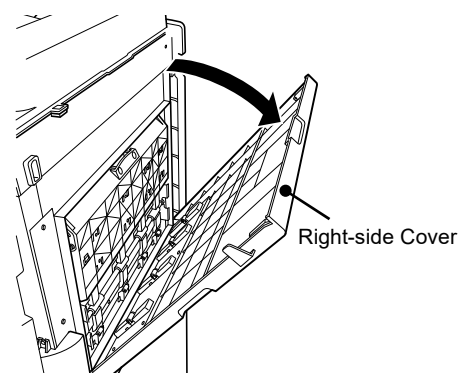
- Do not use ethanol.  
If ethanol is impregnated into the barcode reader filter, it can be damaged.

## 6.1.2 Cleaning the Air Filter

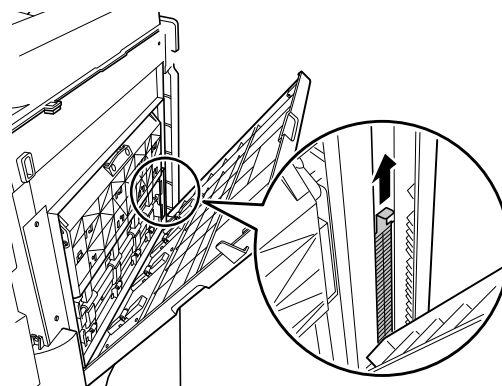
- (1) Open the front cover.



- (2) Open the right-side cover.

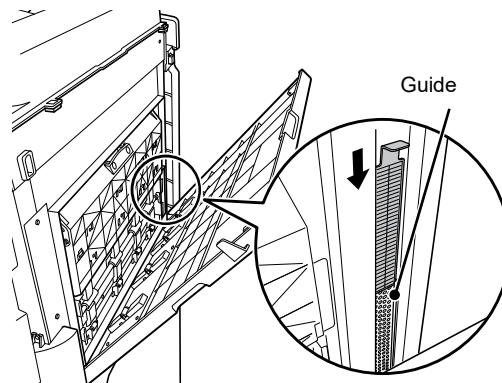


- (3) Lift and remove the air filter at the rear of the right-side cover by holding the locking tab.

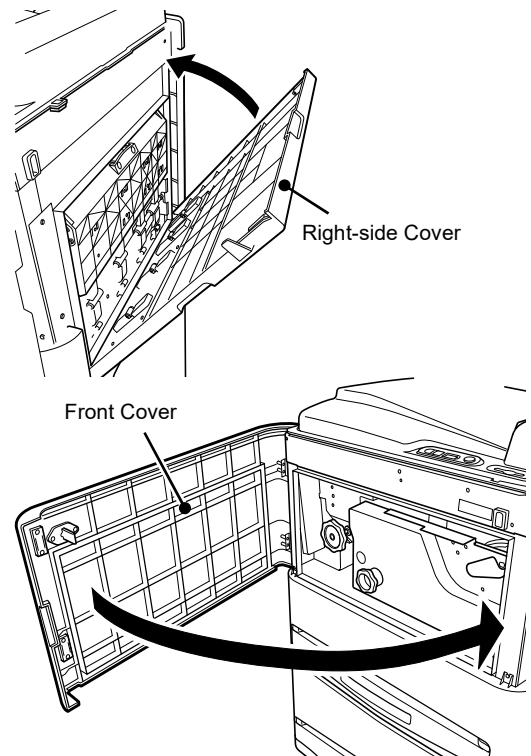


- (4) Vacuum dust adhered to the filter.

- (5) Install the air filter by holding the locking tab.



**(6) Close the right-side cover → front cover in this order.**



### 6.1.3 Washing the Cleaning Roller (Optional) with Water

We recommend that you wash the cleaning roller with water once every week to secure print image quality.

When white spots or traces of lint appear on output films, also wash the cleaning roller with water following the procedure described herein.

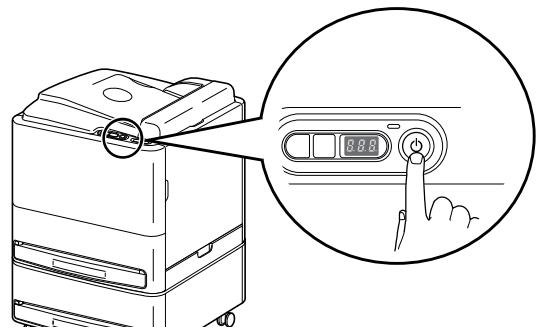
#### CAUTION

- Do not use the following procedure to clean parts other than the cleaning rollers.

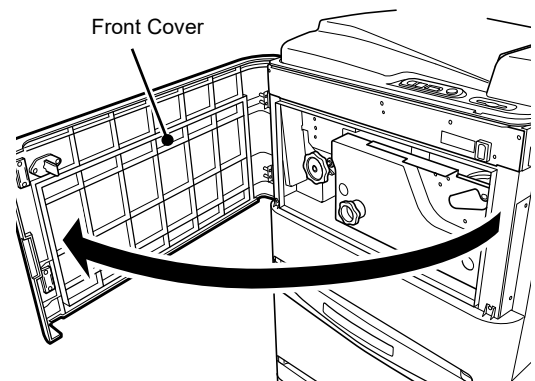
- (1) Make sure that no film recording or output processing is being performed, and then shut the system down.

#### CAUTION

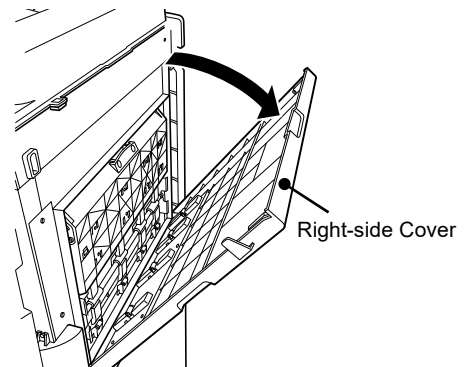
- An error may occur if procedural steps that follow are performed without shutting down the system.



- (2) Open the front cover.



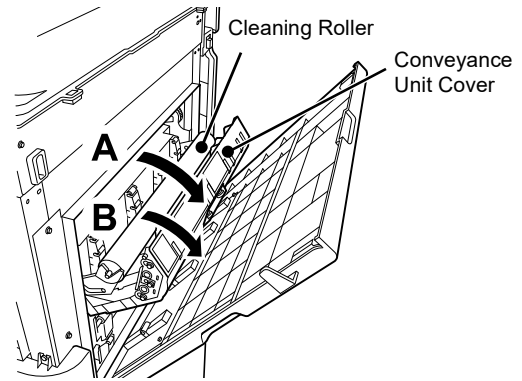
- (3) Open the right-side cover.



- (4) **Open the conveyance unit cover (A) to remove the cleaning roller (B).**

### CAUTION

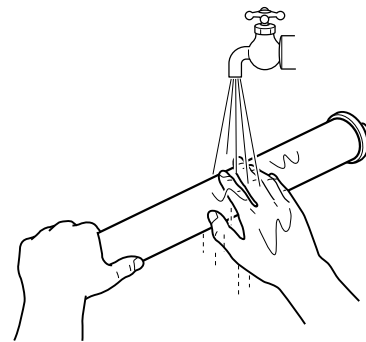
- When removing the cleaning roller, hold it with both hands being careful not to drop it on the floor.



- (5) **Wash the cleaning roller with water.**  
While splashing water onto the cleaning roller, rub the surface gently to clean.

### CAUTION

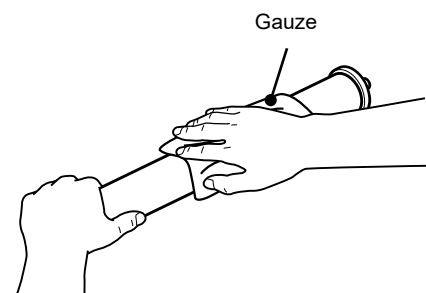
- If the cleaning roller is rubbed roughly to remove stubborn dirt or dust adhering to the surface and that does not come off only with water, the cleaning roller surface may be damaged. If white spots still appear on output films even after it has been water-washed, it is time to replace the cleaning roller for a new one.  
Replace the cleaning roller every three years.



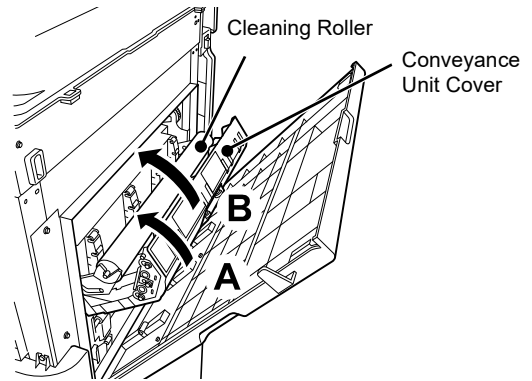
- (6) **Use gauze moistened with alcohol (ethanol anhydride) to wipe off water remaining on the cleaning roller. (The cleaning roller will be dried in a few minutes.)**

### CAUTION

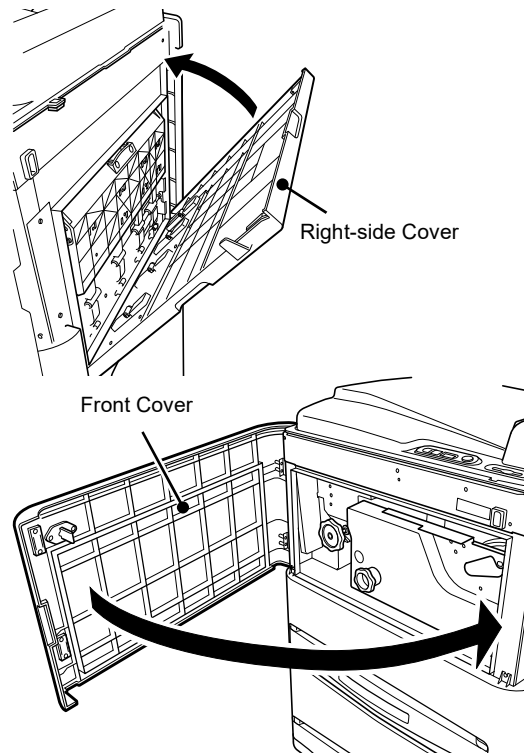
- Dry the cleaning roller sufficiently, otherwise correct film density may not be obtained or unevenness may appear on an output film.



- (7) Restore the cleaning roller (A), and close the conveyance unit cover (B).



- (8) Close the right-side cover → front cover in this order.



### 6.1.4 Image Verification

Print a QC test pattern once every six months to check for unevenness on printed images.

**(1) Print a test pattern (QC test pattern).**

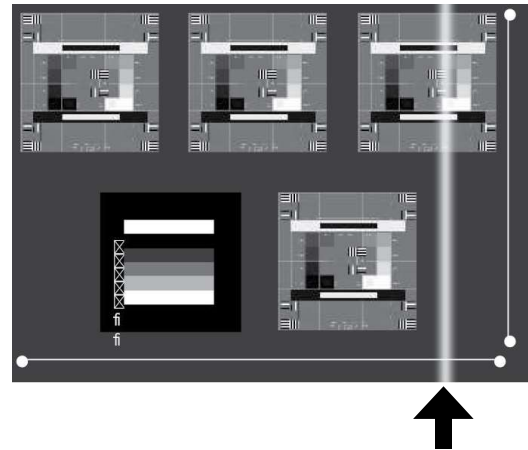
→ For details of printing a QC test pattern, see “4.5 Outputting a QC Test Pattern”.

**(2) Verify the test pattern.**

If a similar streak appears on the printed test pattern film, it is possible that the DRYPIX Smart optical unit is soiled. In such cases, contact our official dealer.

(On this photo, the white streak is shown emphasized so that it is visible clearly.)

<26 X 36cm>



## 6.2 Users Checksheet (Care and Maintenance)

We recommend that you periodically check the following so that you can optimally operate the equipment constantly.

Make a copy when you are using this checksheet.

● Verification

Details	Frequency	Results of users verification
Are the power cable and/or grounding cable connected/ fastened properly?	Daily	/
		/
		/
		/
Is the cable connected/ fastened properly between this equipment and other equipment?	Daily	/
		/
		/
		/

● Cleaning

Unit for cleaning	Frequency	Reference	Date of cleaning
Tray	Every three months	Page 6-2	/
			/
			/
Air Filter	Every three months	Page 6-3	/
			/
			/
Cleaning Roller (Optional)	Weekly	Page 6-5	/
			/
			/
Image verification	Every six months	Page 6-8	/
			/
			/

## 6.3 About Preventive Maintenance

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To maintain safety for the customer, the user, and other people, perform the preventive maintenance mainly involved cleaning of the parts and replacing of consumables. For the preventive maintenance, contact our official dealer.

Necessary cycle of periodical maintenance or part replacement depend on the usage conditions or operation time per day.

Details of maintenance or inspections performed by the specified dealers differ depending on the maintenance contract.

### CAUTION

- The life of this equipment is six years.  
To use the equipment after this period, contact our official dealer to perform an overhaul.  
For maintenance and inspection after that, contact our official dealer.

### 6.3.1 Preventive maintenance to be performed when the machine has been used for one year

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Perform the preventive maintenance shown below.

- Cleaning of the parts
  - Cleaning roller (optional)
  - Removal unit
  - Inside the equipment
  - Covers
  - Rubber belt
  - Sub-scanning conveyance roller
  - Density measurement section
- Checking the Machine
  - Image/conveyance
  - Interlock function(Front cover/Right-side cover/Bottom right-side cover/Film tray)
  - Tray periphery
  - Error log
  - Setting date and time
  - Rubber belt
  - Improper protective grounding
  - Final operation
- Replacing of consumables
  - Film cutter

### 6.3.2 Preventive maintenance to be performed when the machine has been used for two years

---

Perform the preventive maintenance shown below.

- Replacing of consumables
  - Air filter

### **6.3.3 Preventive maintenance to be performed when the machine has been used for three years**

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Perform the preventive maintenance shown below.

- Replacing of consumables
  - Cleaning roller (optional)
- Cleaning of the parts
  - Heat development unit

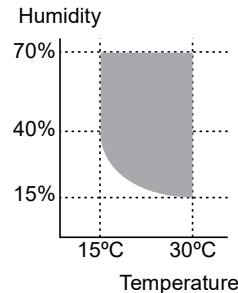


# Appendix

This chapter describes specifications, external view and weight.

## Specification

The specifications of the DRYPIX Smart are shown below.

<p><b>Power Supply Conditions</b></p> <p>Input voltage: 100/110/120/200/220/230/240V ~ (Rated current: 10.6/11.2/12/5.3/5.6/5.9/6A)</p> <p>Frequency: 50Hz-60Hz</p> <p>Allowable variations in voltage: ± 10%</p> <p>Phase: Single</p>	
<p><b>Environmental Conditions</b></p> <p>(1) Operating conditions</p> <p>Temperature/Humidity 15°C (40 to 70%RH) to 30°C (15 to 70%RH) (no dew condensation)</p> <p>Atmospheric pressure 750hPa to 1060hPa</p> <p>Maximum heating value 1300kJ</p> <p>(2) Non-operating conditions</p> <p>Temperature: 0°C to 45°C</p> <p>Humidity: 10%RH to 90%RH (no dew condensation)</p> <p>Atmospheric pressure: 750hPa to 1060hPa</p>	
<p><b>Supplies</b></p> <p>Fuji Medical Dry Imaging Film: DI-HL (Blue base), DI-ML (Blue base)</p> <p>Film cutter</p>	

Options

Film tray, Power cable, Cleaning roller, Anti-toppling fixture kit

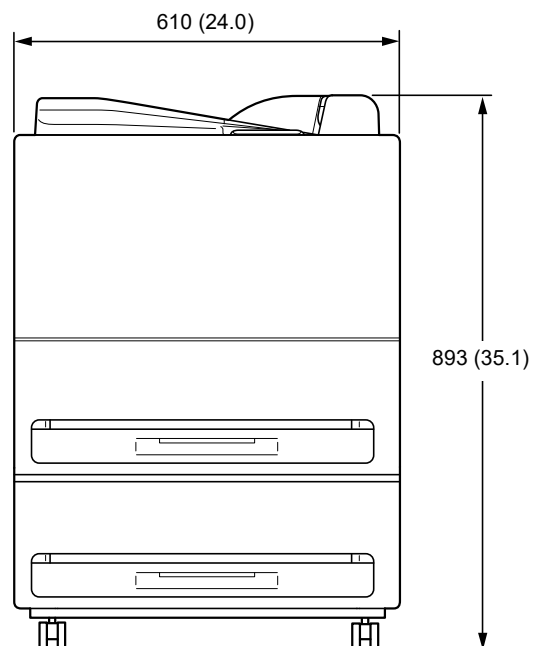
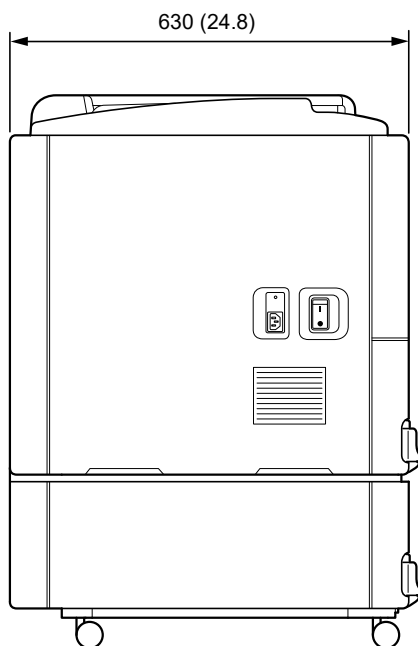
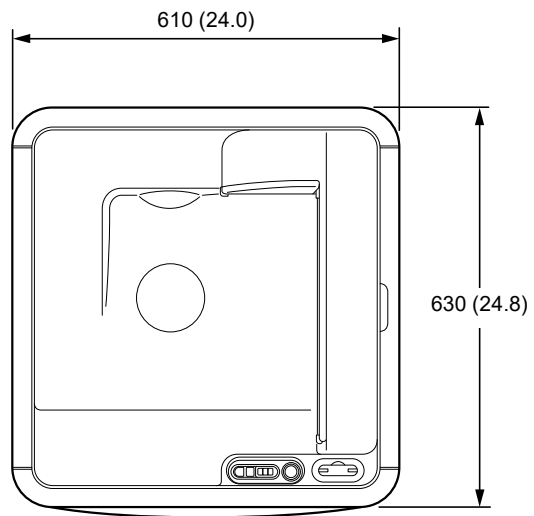
## Dimensions and Weight

The dimensions and weight are shown below.

### ◆ Main unit

Unit	Width (mm (in.))	Depth (mm (in.))	Height (mm (in.))	Weight (kg (lb))
DRYPIX Smart	Approx. 610 (24.0)	Approx. 630 (24.8)	Approx. 893 (35.1)	Approx. 104 (229.3)

(Unit : mm (in.))



## Maintenance and Inspection

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### ◆ Maintenance and Inspection Items Assigned to Specified Dealer

For periodical inspection of the equipment and necessary arrangements, contact our official dealer.



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