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# Instruction Manual

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## Full Automatic Tablet Packing Machine **PROUD**

- Thank you very much for purchasing our full automatic tablet packing machine “PROUD.”
- Please read this instruction carefully for proper use.
- After you read this instruction manual, keep it at hand with warranty.

Safety Instructions  
Read Pages 3 to 5 to use the machine properly.



**yuyama**




# Table of Contents

<b>Introduction</b>	
Safety instructions .....	3
Before use .....	7
■ Instruction Manual.....	7
■ Terminology.....	7
Accessories .....	8
Name of each unit .....	9
■ Machine appearance .....	9
■ Inside the machine .....	10
■ Separately sold items.....	11
Touch panel .....	12
■ Key button.....	13
■ Displaying the prescription Information and the status of the packing machine .....	14
<b>How to use (Basic)</b>	
Turning on the power.....	15
Unlocking the upper door .....	17
Refilling tablets .....	19
■ [Refill information entry] .....	24
■ When all tablets have been dispensed during dispensing .....	26
■ When all tablets have been dispensed during dispensing (when the group cassette is empty) .....	27
■ [Call Cassette].....	28
■ [Call Drug] .....	29
■ [Search].....	30
Dispensing.....	31
■ With DTA prescription .....	31
■ Without DTA prescription .....	32
■ Details of DTA filling .....	35
Turning off the power.....	38
<b>How to use (Specific)</b>	
Pausing dispensing .....	39
Aborting dispensing .....	40
Emergency stop.....	41
Issuing using only packing machine .....	42
Maintenance mode .....	45
■ [Move cleaning position], [Complete Cleaning] .....	46
■ [DTA collect] .....	47
■ [User Setting] .....	48
■ [Register Group Cassette] .....	51
■ [Close Lock] .....	53
Turning the cylinder manually.....	54
<b>Replacement of consumables</b>	
Packing paper.....	55
Ink ribbon.....	66
<b>Maintenance</b>	
DTA unit .....	78
Last hopper.....	84
Large hopper .....	87
Revolver unit.....	89
Sash unit.....	94
Printer head .....	97
Heater roller.....	101
<b>Others</b>	
Troubleshooting .....	109
Warning errors.....	110
Specification .....	117

# Safety instructions

- Degrees of dangers and damages caused by wrong usage ignoring instructions are categorized and explained in the following symbols.

 <b>WARNING</b>	This symbol indicates that failure to obey this instruction may result in serious injury or death.
 <b>CAUTION</b>	This symbol indicates that failure to obey this instruction may result in injury or only property damage.

	This symbol is used to “promote awareness.”
	This symbol is used to indicate “prohibited” actions.
	This symbol is used to indicate “forced” actions.

- Be sure to use the machine following the Instruction Manual and obey instructions thereof for safe operation.

## **WARNING**



Do not operate switches with wet hands.

Fear of an electric shock or an injury



Do not plug or unplug the power with wet hands.

Fear of an electric shock or an injury



Earth the machine securely.

Earth leakage due to problems such as a failure may result in an electric shock. Be sure to ask specialists to earth the machine.



Do not disassemble, repair or modify the machine.

Failure to obey this instruction may cause a fire or a malfunction, resulting in injury. Personnel other than service personnel are not allowed to disassemble or repair the machine. Do not modify the machine.

## ⚠ WARNING



**Prohibited**

Do not move your fingers close to the cutter blade.

Sharp blades are used for the machine. Do not move your fingers close to the cutter blades. Failure to obey this instruction may result in injury.



**Prohibited**

Do not move your fingers close to the heater roller during paper feed.

Failure to obey this instruction may result in burn injury or injury.



**Prohibited**

Do not touch the heater roller during heating or right after the power is turned off.

Failure to obey this may result in burn injury.

## ⚠ CAUTION



**Prohibited**

Do not apply strong vibrations or impacts on the body.

This machine contains refined electronic parts. Therefore, strong vibrations and impacts on the machine will result in malfunctions. Ensure that the machine is not contaminated with pieces of paper and metals.



**Prohibited**

Do not place the machine in places specified in the right column.

- Unstable places
- Places that cannot burden the weight of the machine
- Humid or dusty places
- Places that are exposed to direct sunlight

Failure to obey this instruction may result in machine failures.



**Prohibited**

Do not insert your hands and fingers into the DTA cells while the tablet set plate is operating.

Failure to obey this instruction may result in injury.



**Prohibited**

Do not touch the conveyor or place anything near the conveyor.

Do not touch the operating conveyor. Failure to obey this instruction may result in injury. Accumulated packed items or items near the conveyor may be caught by the conveyor, resulting in machine failures.



**Prohibited**

Do not use the machine when it is wet.

If the machine gets wet by flood damage or any other reasons, do not use the machine but contact with a nearby dealer immediately.



## CAUTION



Be sure to use the genuine power outlet.

Use of an outlet with an inapplicable voltage and electric capacitance may result in heat generation and fire. In addition, lack of the power capacity and rapid voltage fluctuations may result in malfunctions. Be sure to use the genuine power outlet.



Disconnect the power cord and plug in case of abnormal conditions.

Damaged power cord/plug, loosen outlet or piled dust may cause an electric shock, heat generation and fire. If any abnormality is detected, stop operation and disconnect the power plug.



Clean the passage for drugs securely.

Clean the passage for drugs securely to prevent remaining drugs from mixing with other drugs.



Be sure to use YUYAMA's genuine paper.

To avoid wrong drug dispensing, be sure to follow the instructions in this Instruction Manual for packing paper attachment and use YUYAMA's genuine paper.



Observe the temperature and humidity ranges.

Use the machine under the following environment.  
Temperature range: 10 to 35 degrees C  
Humidity range: 15% to 85% (No condensation is allowed)  
However, use the machine at humidity of 48% or less when the temperature is 35 degrees C and at temperature of 28 degrees C or less when the humidity is 85% .



Stop the machine immediately in case of operational abnormality.

In case of abnormality such as malfunction, stop the machine immediately.



Perform a periodic inspection once a year.

To use the machine safely, it is recommended to inspect all parts at least once a year besides daily maintenance.



Before moving the machine, be sure to unplug the power.

Moving the machine with the power plugged may damage the power plug.



If the machine is not to be used for a long time, turn the breaker [OFF].

Turn the breaker OFF for safety.

#### FCC Part 15.19

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

#### FCC Part 15.105(b)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning 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 antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### FCC Part 15.21

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

#### ICES-003

This Class B digital apparatus complies with Canadian ICES-003.

#### RSS-Gen 7.1.5

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

# Before use

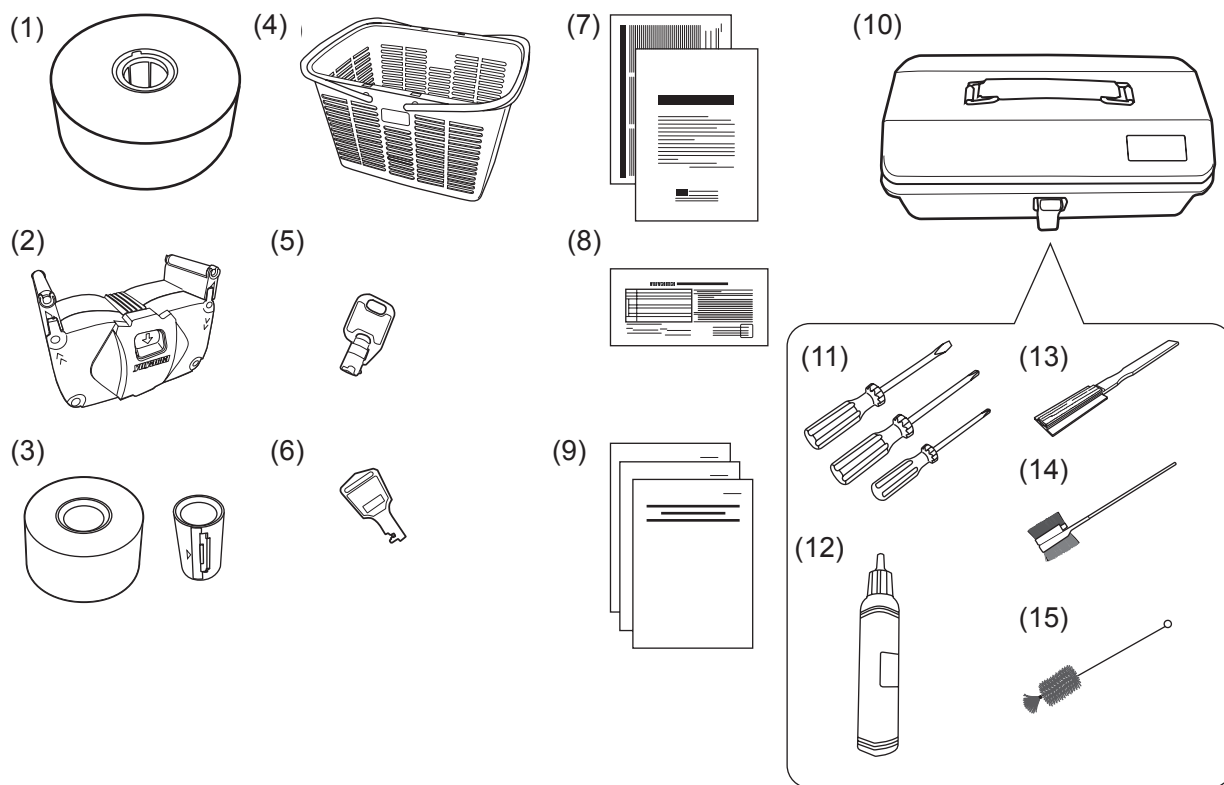
## ■ Instruction Manual

- Please note that descriptions and illustrations in this Instruction Manual may not agree with actual ones because of the machine improvement.
- In this Instruction Manual, pages to be referred are described as (P00).

## ■ Terminology

Term	Description
Dispensing	Putting drugs into bags
DTA	This is an abbreviation of Detachable Tablet Adapter This is a table used when dispensing tablets in separate bags manually.
Printing	Printing characters and numbers in packing paper
Sealing	Sealing packing paper by heat (Making bags by sealing packing paper with other packing paper)

# Accessories



- |   |   |
|---|---|
| (1) Packing paper                                       | (11) Phillips screwdriver (large and small) and straight slot screwdriver |
| (2) Refill ribbon cassette                              | (12) Wax  |
| (3) Refill ribbon and refill ribbon shaft               | (13) Printer head cleaner   |
| (4) Drug basket   | (14) Heater roller cleaning brush   |
| (5) Key (for upper door) x 2                            | (15) Cleaning brush   |
| (6) Key (for the sides of the packing machine) x 2      |   |
| (7) Request for packing paper and list of sales offices |   |
| (8) Warranty  |   |
| (9) Instruction Manual (for each type)                  |   |
| (10) Tool box   |   |

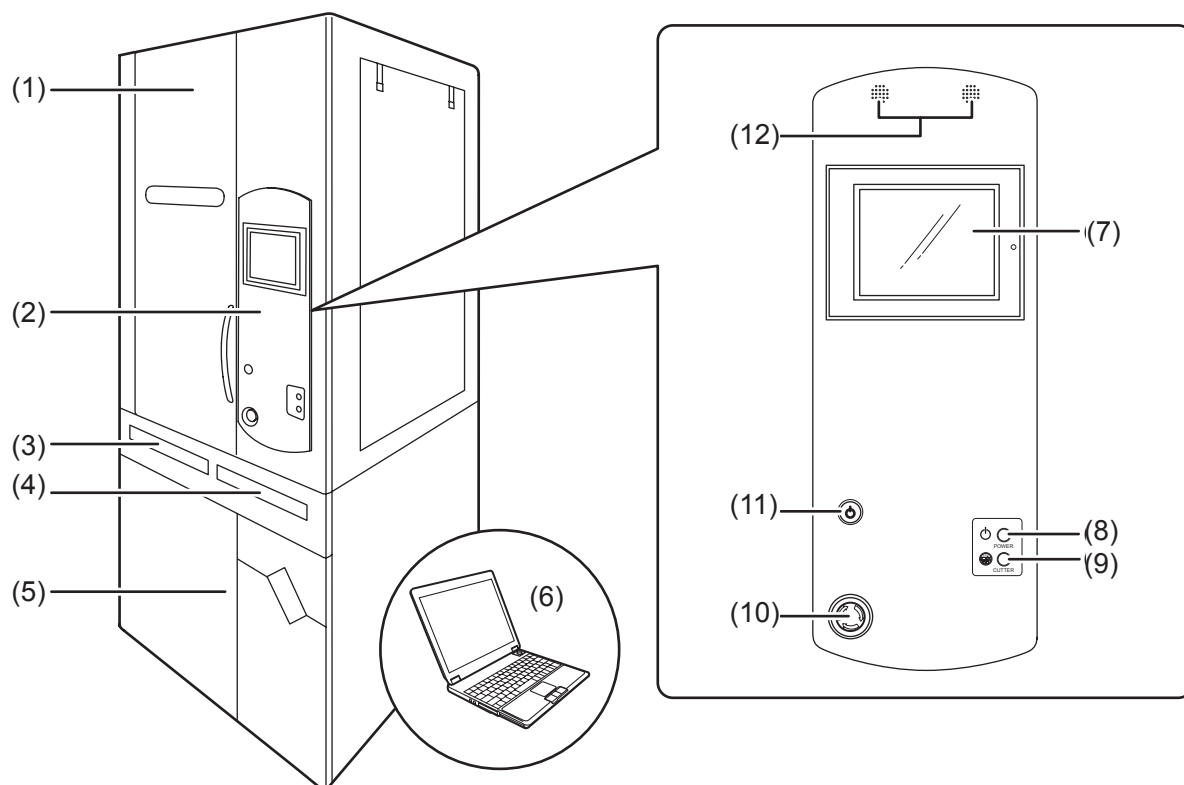
\*Reuse a ribbon shaft.

- Do not store the packing paper in a place that is exposed to direct sunlight or with high humidity.
- Contact with your dealer or your nearest Yuyama's sales office (in the separate sheet) when you need to purchase accessories.



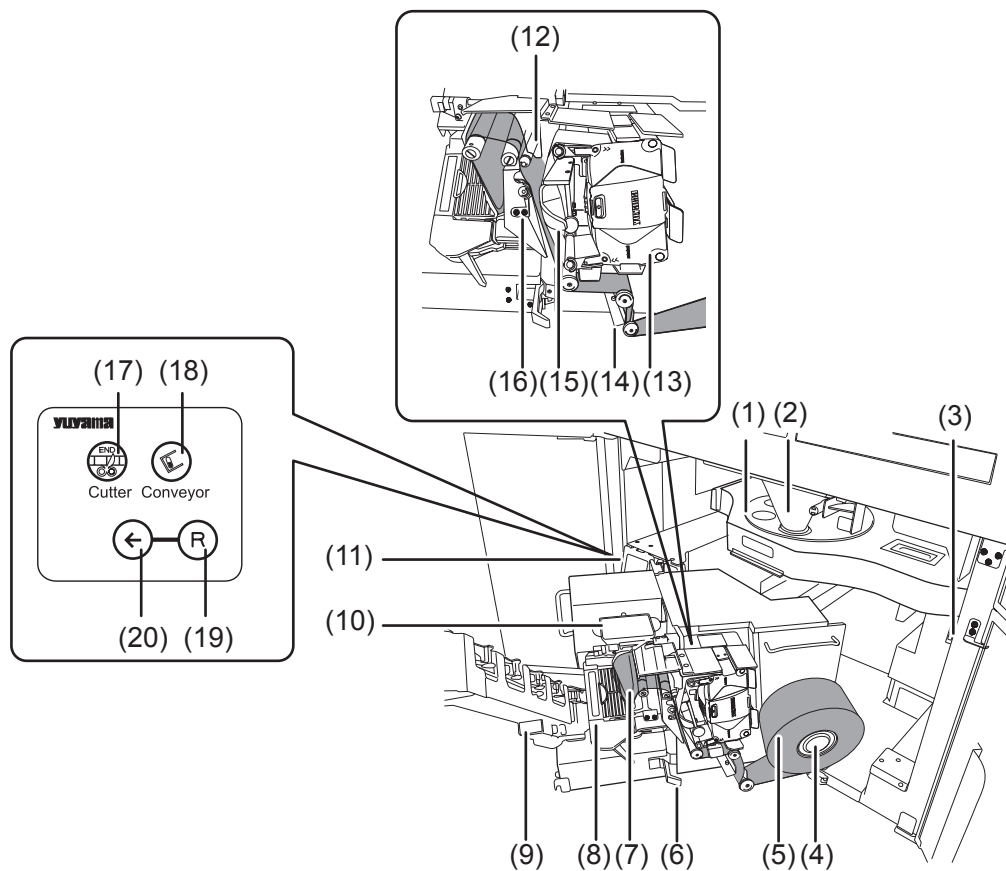
# Name of each unit

## ■ Machine appearance



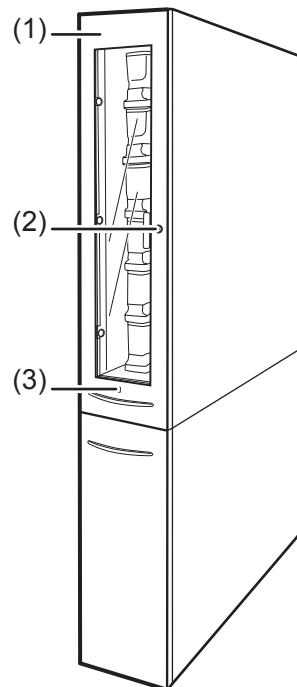
- (1) Upper door (P17)
- (2) Operation panel
- (3) DTA tray (P33)
- (4) Refilling table (P20)
- (5) Lower door (P55)
- (6) Personal computer (notebook or desktop)
- (7) Touch panel (P12)
- (8) [Reserve power] switch (P42)
- (9) [Packing paper cutter] switch
- (10) [Emergency stop] switch (P41)
- (11) Door key
- (12) Speaker

## ■ Inside the machine



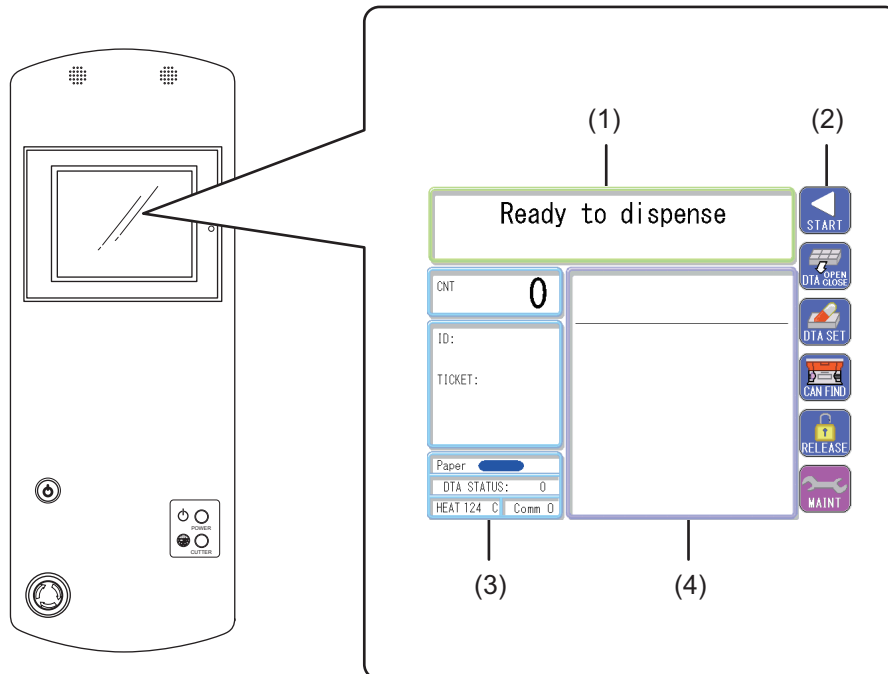
- |                                   |        |                                |       |
|-----------------------------------|--------|--------------------------------|-------|
| (1) Revolver unit                 | (P89)  | (19) [Heater roller RW] switch | (P60) |
| (2) Large hopper                  | (P87)  | (20) [Heater roller FW] switch | (P60) |
| (3) Breaker                       | (P16)  |                                |       |
| (4) Paper core                    |        |                                |       |
| (5) Packing paper                 | (P55)  |                                |       |
| (6) Packing unit open/close lever | (P57)  |                                |       |
| (7) Paper guide                   | (P61)  |                                |       |
| (8) Heater roller                 | (P101) |                                |       |
| (9) Conveyor                      |        |                                |       |
| (10) Last hopper                  | (P84)  |                                |       |
| (11) Lower operation panel        |        |                                |       |
| (12) Paper guide pin              | (P59)  |                                |       |
| (13) Ink ribbon                   | (P66)  |                                |       |
| (14) Paper out sensor             | (P59)  |                                |       |
| (15) Ribbon guide                 | (P75)  |                                |       |
| (16) Platen roller                | (P59)  |                                |       |
| (17) [Cutter] switch              | (P62)  |                                |       |
| (18) [Conveyor] switch            |        |                                |       |

## ■ Separately sold items



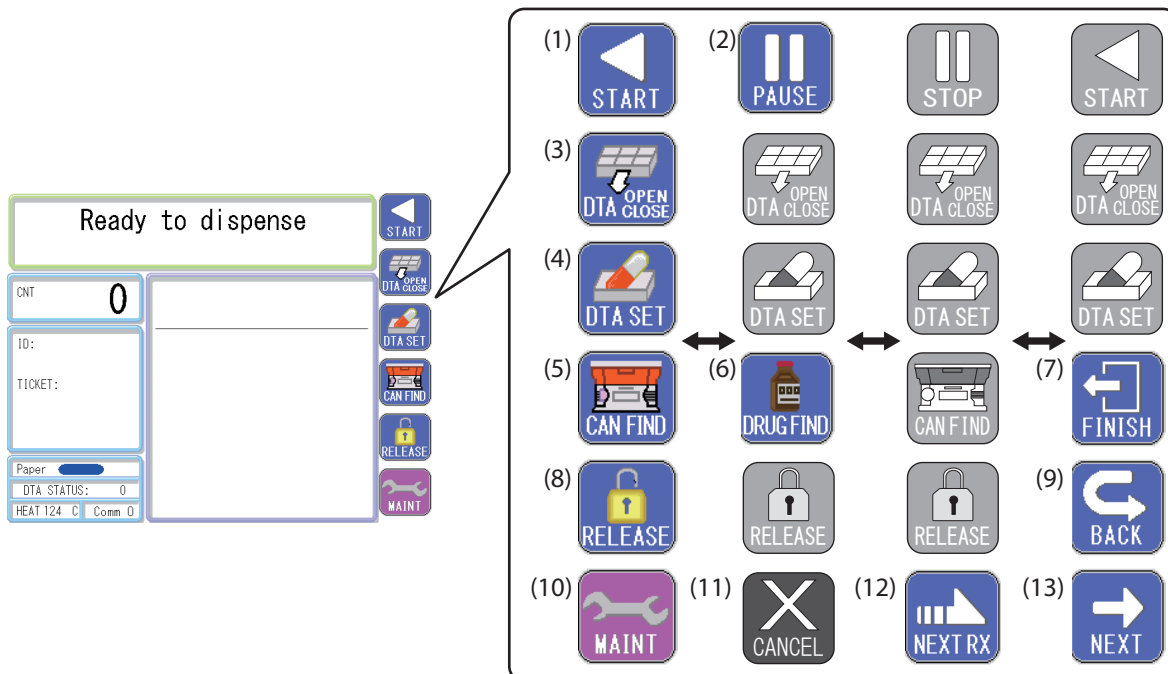
- (1) Slid unit (YS-TR-406FDSII)
- (2) Key hole
- (3) Lock button (P18)

# Touch panel



- |   |   |
|---|---|
| (1) Message display   | Displays the status and operation of the packing machine.   |
| (2) Key button  | Used to operate the packing machine. (P13)  |
| (3) Display of prescription information and status of the packing machine | Displays the prescription information for the drug that is now being dispensed (or is to be dispensed) and the status of the packing machine. (P14) |
| (4) Display and setting of details  | Displays the detail of prescription.<br>Also used to operate the packing machine such as to call a cassette.  |

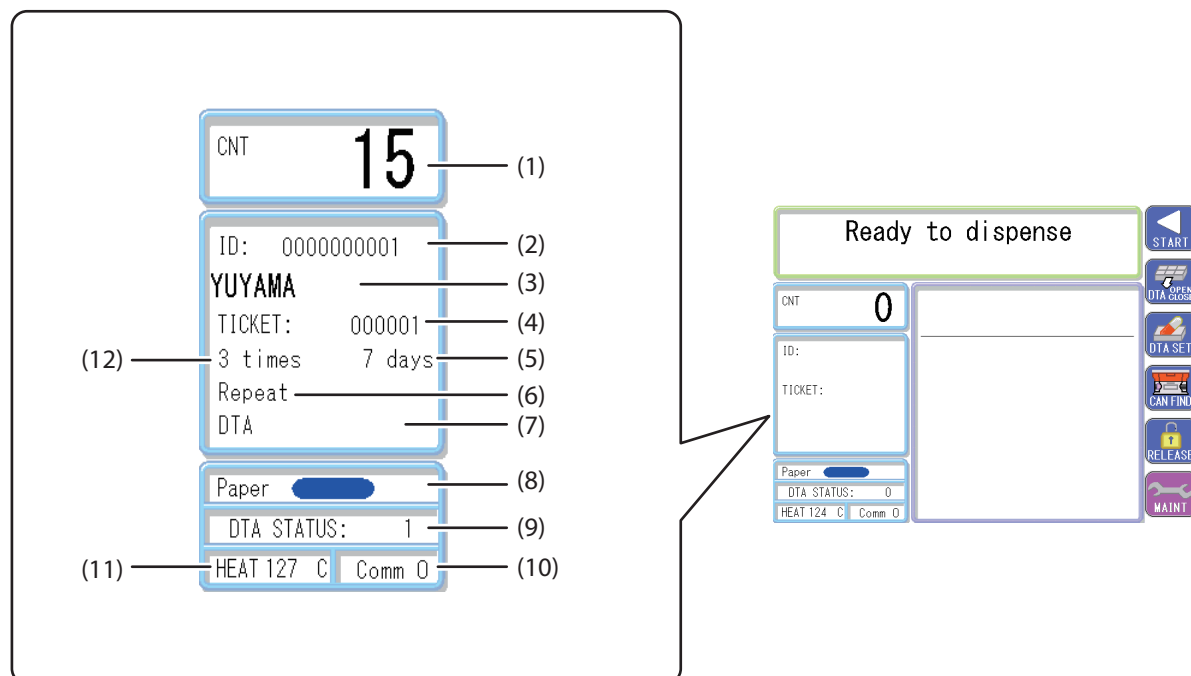
## ■ Key button



- (1) Switches the mode to the one where dispensing is issued only by the packing machine. (P42)  
Restarts dispensing when the machine is temporarily stopped.
- (2) Stops dispensing temporarily. (P39)
- (3) Opens/closes the DTA tray. (P33)
- (4) Sets the DTA. (P33)  
(Cannot set the DTA when [Number of DTAs: 2].
- (5) Switches the screen to the [Call Cassette] screen. (P28)
- (6) Switches the screen to the [Call Drug] screen. (P29)
- (7) Exits the maintenance mode or the special mode.
- (8) Unlock the drug rack door. (P17)
- (9) Returns to the previous page.
- (10) Switches to screen to the [Maintenance] screen. (P45)
- (11) Cancels the prescription. (P40)
- (12) Displays the content of the next prescription.
- (13) Goes to the next screen.

\* Displayed key buttons vary depending on the status of the packing machine.

## ■ Displaying the prescription Information and the status of the packing machine



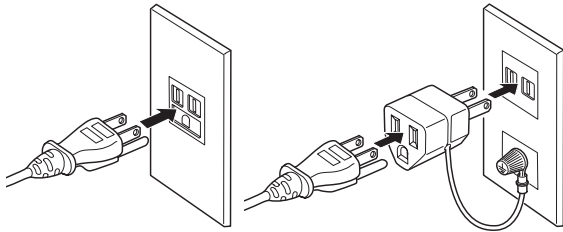
- |                        |  |
|------------------------|--|
| (1) Number of pouches  | Displays the number of finished pouches and the number of the remaining pouches during dispensing.       |
| (2) Patient ID         | Displays the patient ID during dispensing.   |
| (3) Name of patient    | Displays the name of the patient during dispensing.  |
| (4) Ticket number      | Displays the ticket number of the drug that is currently being dispensed.                                |
| (5) Number of days     | Displays the number of days for the drug to be dispensed.  |
| (6) Pk. Order          | Displays the packing order (dispenses drug according to the usage [Continuation] or by the day [Repeat]) |
| (7) Form of tablet     | Displays the form of the drug to be used for dispensing (cassette or DTA).                               |
| (8) Paper              | Displays the remaining paper amount by 5 levels.   |
| (9) DTA STATUS         | Displays the number of reserved DTA.   |
| (10) Communication     | Displays the status of communication between the personal computer and the packing machine.              |
| (11) Temperature       | Displays the temperature of the heater roller.   |
| (12) Number of pouches | Displays the number of pouches (the number of doses for a day) for the dispensing data.                  |

# Turning on the power

The packing machine is interlocked with the personal computer.

Even when the packing machine has been turned ON, do not start operation until the rapid thermal processing of the heater roller is completed.

\*Operate the breaker before installing the packing machine or cleaning the printer head.



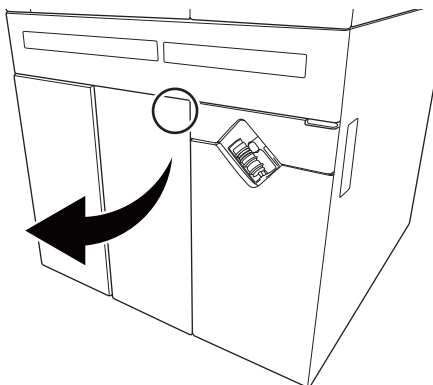
## 1. Connect the power plug to the outlet.

- Be sure to use an AC100V outlet with the 3P earth or the 2P conversion adapter.
- Do not use a multi-outlet extension cord from a device such as a table tap.



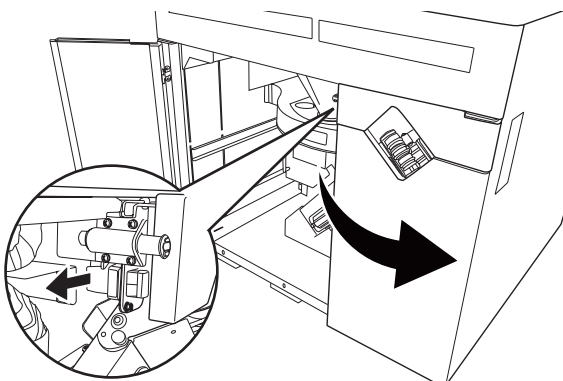
### CAUTION

Be sure to connect earth to avoid power-supply noises and electric shocks. Lack of the power capacity and rapid voltage fluctuations may result in malfunctions.

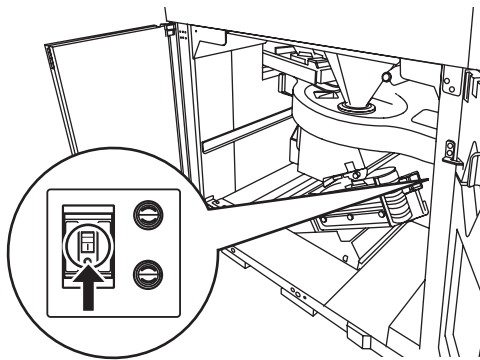


## 2. Open the lower door.

- Push [PUSH] on the acrylic door and open it while folding it.

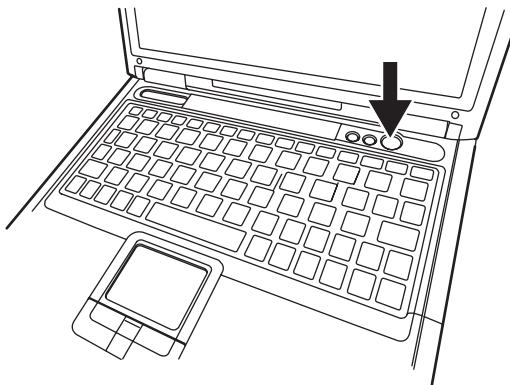


- Unhook to open the door on the conveyor side.



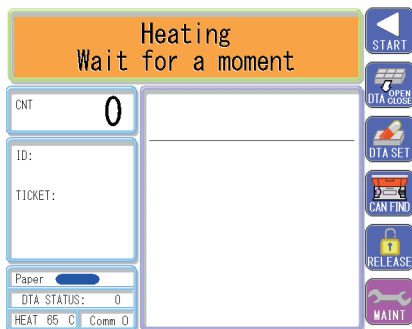
### 3. Turn [ON] the breaker.

- After the breaker has been turned on, close the lower door.



### 4. Turn on the personal computer.

- Wait for a while until packing is ready as the heater roller is heated.
- You can start dispensing when [Ready to dispense] is displayed.





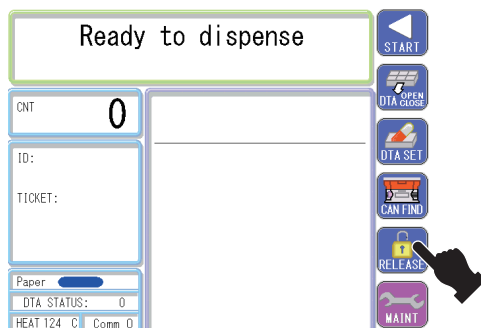
# Unlocking the upper door

You are required to input a password to open the upper door. Open the door after entering the password.

Once the password has been entered, you can set the machine so that you can open the door without entering the password or you are required to enter the password every time you open the door.

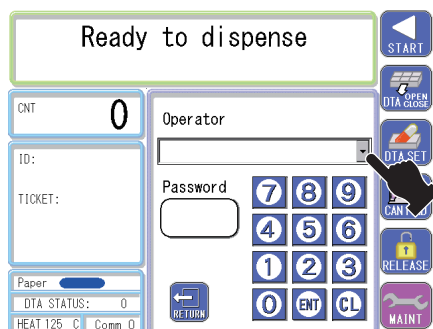
Once the power is turned off, you are required to enter the password again.

- \* You can set [Operator] and [Password] on the personal computer. See [User Master] of the [Personal Computer Operation Manual] for details.
- \* Entering a password is required only for the packing machine whose upper door has a lock.

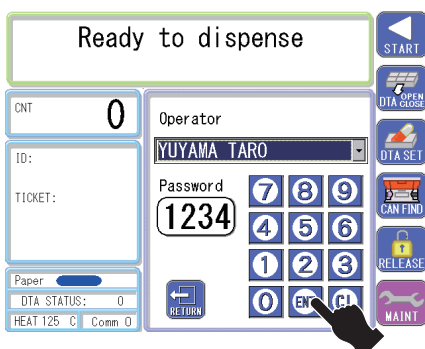


## 1. Touch [RELEASE].

- The screen is switched to the password entry screen.



- Select [Operator].
- (When [Operator] is touched, the list of registered operators appears. Select a desired operator's name from the list.)



- After the password has been entered, press [ENT].
- The upper door is unlocked, so that you can open the door.