

S-1000



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Precautions for safety

Users must operate the product after they have read the precautions very carefully and thoroughly.

The symbols of precautions contain important contents and are specified to Warning and Caution.

There is no responsibility of our company for any accidents and/or damages of products owing to the ignorance of precautions while using.



WARNING

A breach of this instruction may cause serious or Slight wound, and may bring on damages of product And property.



CAUTION

A breach of this instruction may cause slight wound, And may bring on damages of product and property.



NOTICE

It describes the case that more detailed explanation is needed or contents which are of help for operator.



A breach of this instruction may cause serious or slight wound, and may bring on damages of product and property.

◆ In relation to Power

- Do not use damaged power cord, Plugs, and loose outlets.
- Do not pull out the cord or touch the plugs with wet hands.
- Do not bend the power cord excessively or damage it by pressing it with heavy item.
- Pull the wire out when there is thunder and lightning or being not used for a long time.
- Do not use multiple electric devices at one outlet simultaneously.

◆ In relation to Installation

- It should not be installed in places of humidity, dust, and area where liquids are present.
- Do not put candles or cigarette lighters in the product and do not install near heat machines.
- Pull the power plug out from outlet without fail when you move it.
The damage of power cord or generation of heat may cause fire or electric shock.
- Put the product away from flammable liquid, gas and aerosol etc.

◆ In relation to maintenance

- Wipe the dust and water out at power plug.
- Clean up after pulling out the power plug and don't sprinkle water directly or don't wipe with benzene or thinner

◆ Others

- Do not put water bowls, chemicals, and small metals on the product.
 - Please contact Service Center immediately in the event of strange sound, smell, or smoke coming from the product.
 - Be sure to use specification of power capacity instructed in this manual for connection with the Printer. (Do not use similar power adapters; ex) Laptop computer, game machines etc.)
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Precaution for Safety

A breach of cautions may cause serious or slight wound, and
May bring on damages of product and property.



In relation to Installation

- ◆ ▪ Do not install in unstable places.
- Keep the product out of the direct rays of the sun. It may cause defect of the product.
- Do not install around air conditioner and radiator. It will cause performance degradation.

In relation to maintenance

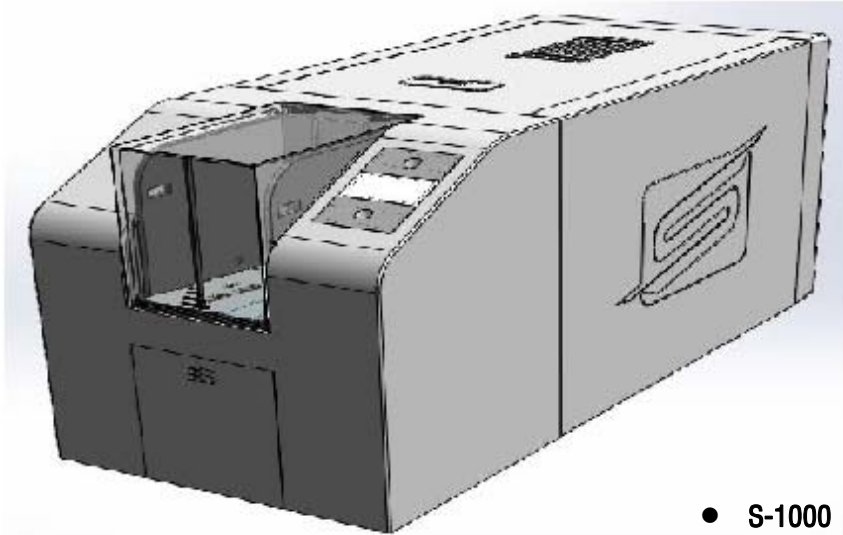
- ◆ ▪ Do not separate the cover or protection devices.
- ◆ ▪ Turn off the product in advance in case you put your hands inside of it.
- Be sure to clean and maintain the product according to the instruction in this manual.
- Turn off the product in advance in case you put your hands inside to replace supplies or to clean

Others

- ◆ ▪ Do not disassemble, repair, or remodel the product at operator's discretion.
- Do not put heavy items on the product.

Preparation before operation

VII



• S-1000 Card Printer



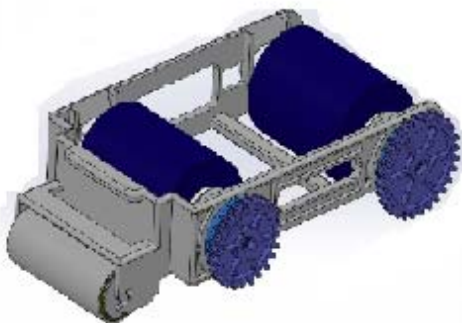
• Ribbon



• Power Cable



• Power Adapter (24V, 2.5A)



• Clean Roller+ Ribbon Cartridge



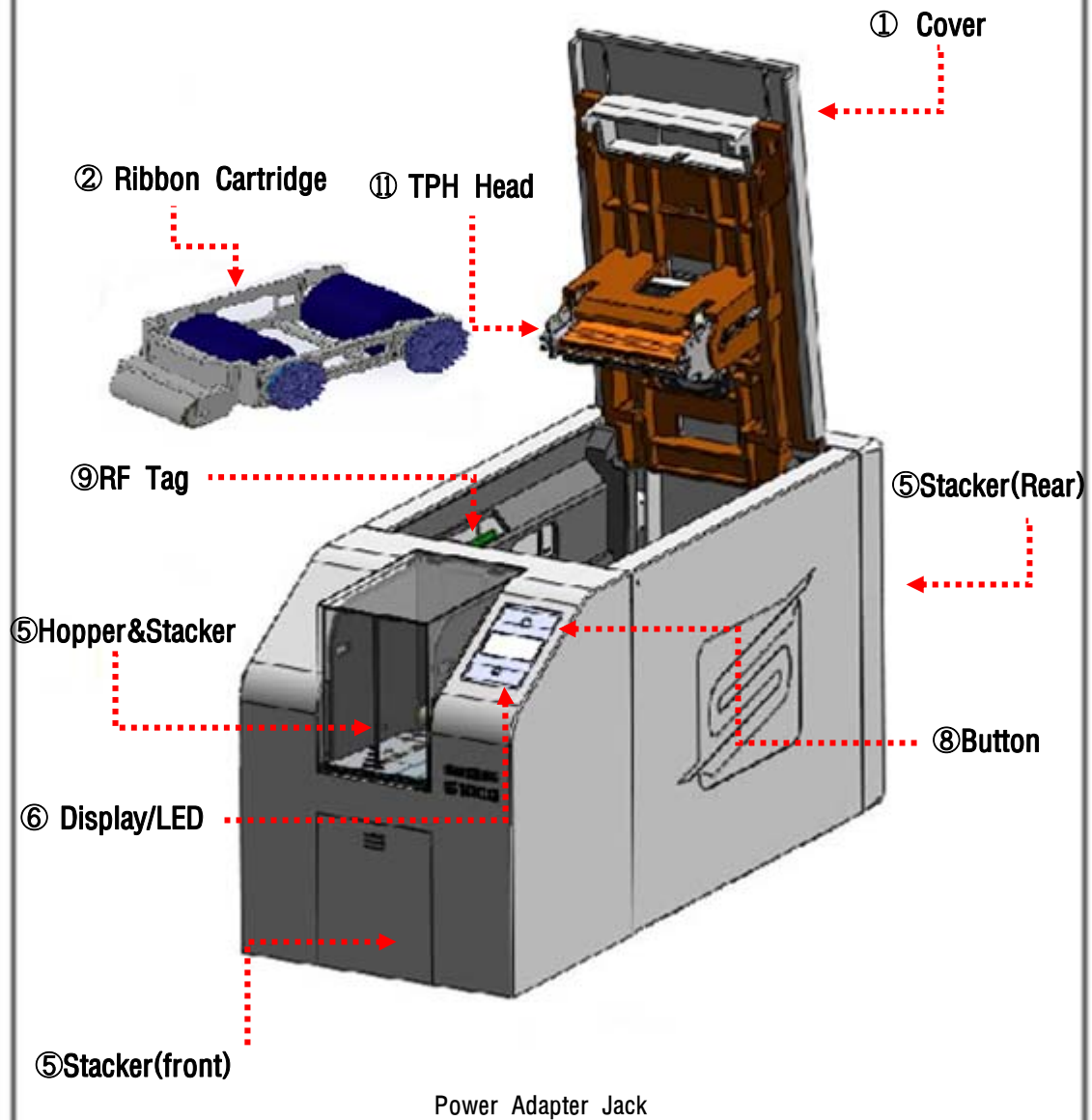
• USB Cable (for 2.0)

Please install the Printer by insuring sufficient space and keep it out from unstable, humid, direct rays of the sun, and the place closed to air conditioner or heater.

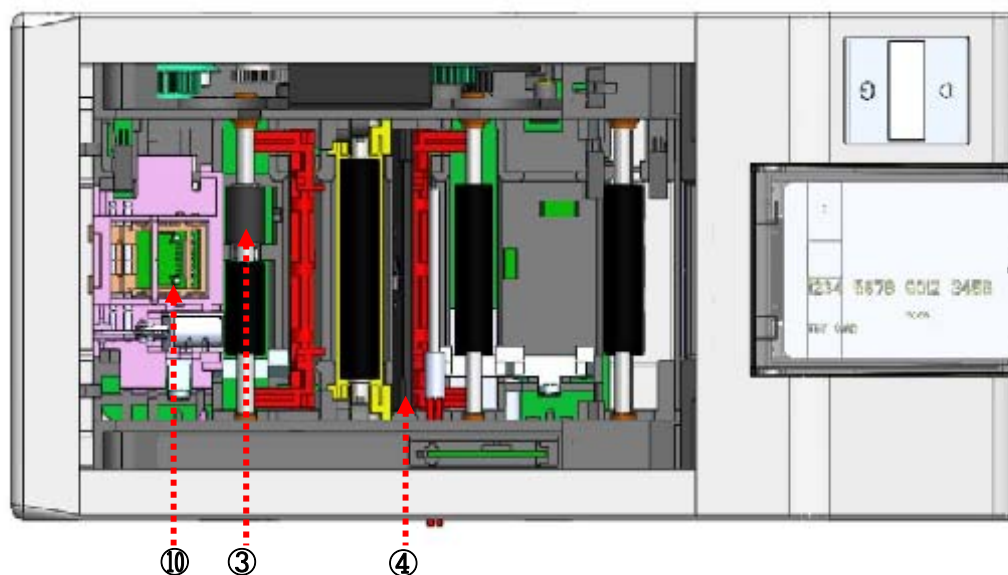


1 Preparation

■ Front



1.1 Name by function of Printer (Front)



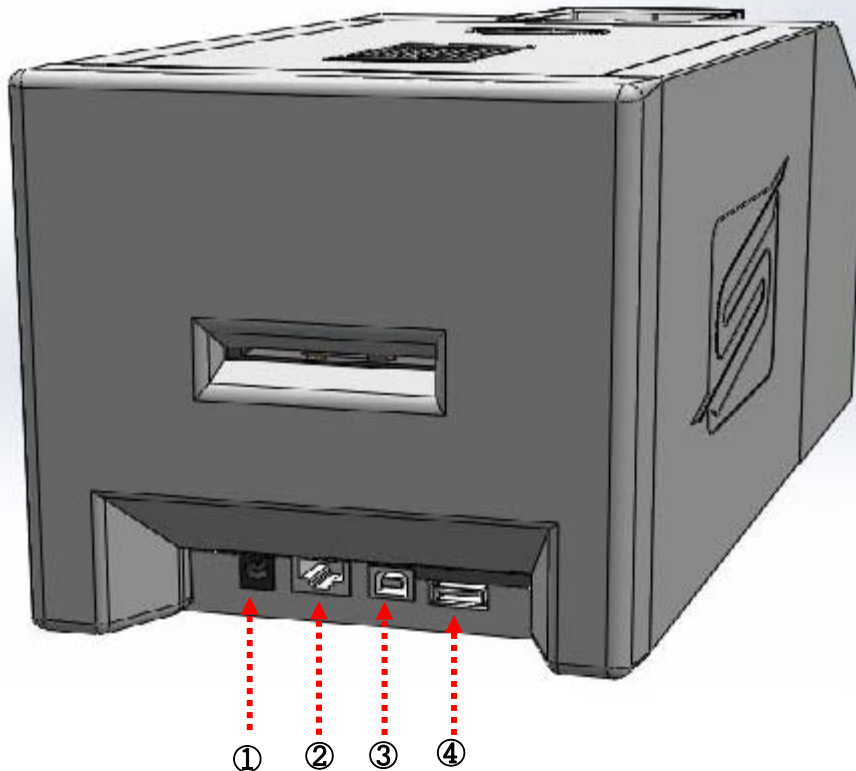
No	Name	Description of Function
1	Cover	▪ Open the Cover of Printer when you replace the ribbon or remove Card Jam.
2	Ribbon Cartridge	▪ The place where Color/Black ribbon is installed. Put ribbon cartridge in gently then it is naturally fixed.
3	M/SHead(Optional)	You must be careful so as not to damage MS Head.
4	Color Sensor	▪ It detects the limits of the color ribbon.
5	Hopper& Stacker(Front) Stacker(Rear)	▪ Card loading/card ejection ▪ The card thickness is automatically adjusted.
6	Display/LED	▪ Display printer status.
7	LCD	▪ The condition of Printer is displayed in Color LCD. Please refer to the detail description of LCD for detail functions.
8	Button	▪ It has the function of ribbon lineup and unloading of Card. Please refer to the Button use manual for detail contents.
9	RF Tag	▪ Ribbon awareness tag.
10	SmartCard Contact(Optional)	▪ Smart Card Contact part.
11	TPH Head	▪ 300DPI TPH Head. If the TPH Head is touched by a sharp part, it can be damaged. Please be careful.



WARNING

⑫ Printer Head can be in the state of high temperature during operation. Be careful of getting burned. In case the Jam occurs, you have to remove Card Jam after turning off the power.

1.2 Features by function of Printer (Rear)

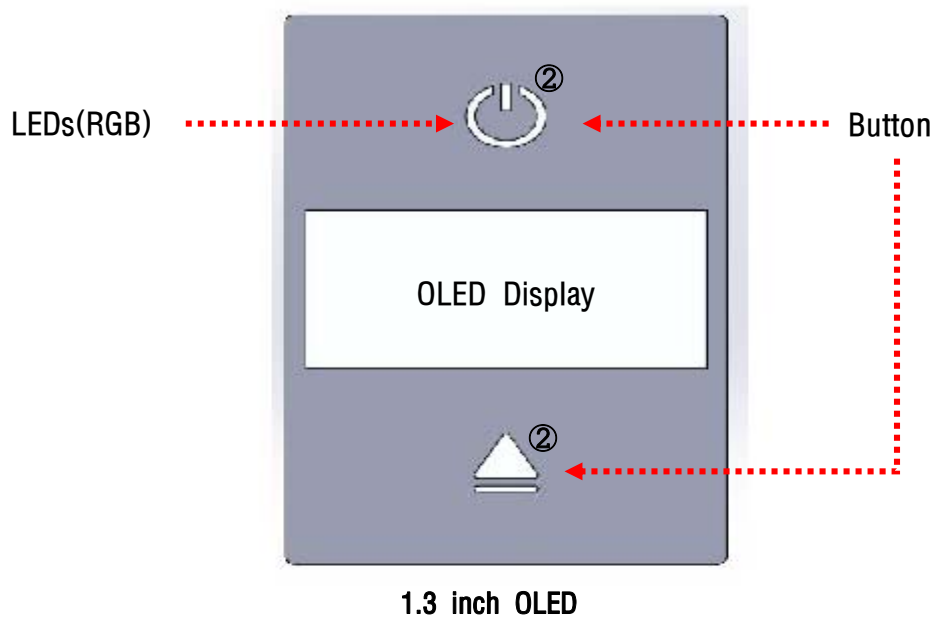


No	Name	Description of Function
1	Power Adapter Jack	▪ DC 24V (2.5A) is used. Using substandard Adapter may cause the breakdown of the device.
2	Ethernet Port	▪ Administrator use.
3	USBPort(B type)	▪ USB port. This product support USB 2.0. .
4	USBPort(A type)	▪ Administrator use.
5	Serial Port	▪ Spare Serial Port.



Use the standard specification of Power for the product. Nonstandard power supply may cause malfunction and defect of the product. Other ports are to support functions of the Printer.
They don't support at general models.

1.3 Features by functions of Printer (LCD)



LED

No	Color	Status	Description of Function
1	Green	ON.	▪ Printer Power ON-Ready
		OFF	▪ Printer Power OFF
2	Yellow	Twinkle.	▪ Data Sending / Receiving
3	Red	OFF	▪ Normal condition
		Twinkle	▪ Error occurs - Cut of ribbon(In case of checking End Mark) - Other errors occur

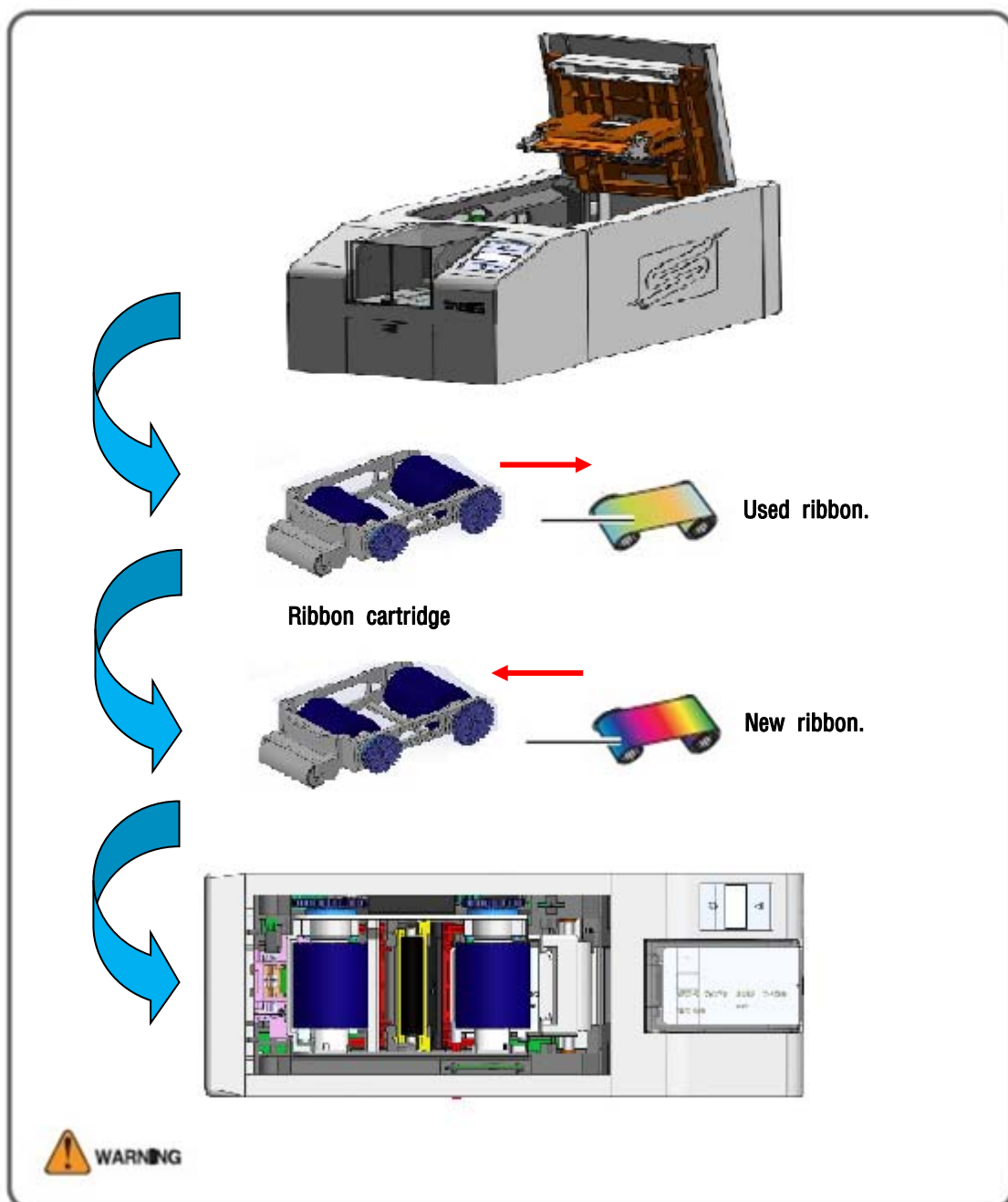
Button

No	Button	Description of Function
1	POWER	▪ One touch power on/Press 3 seconds, power off.
2	FUNCTION	▪ Find the print start location (Yellow) of Color ribbon..

- Power On + Feed button should be pressed longer than 3 seconds for running.

2 Installing Ribbon Cartridge

1.4 Replacement method of color ribbon



FCC Compliance Statement

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 Interference Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. Change or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment under FCC rules.

FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.