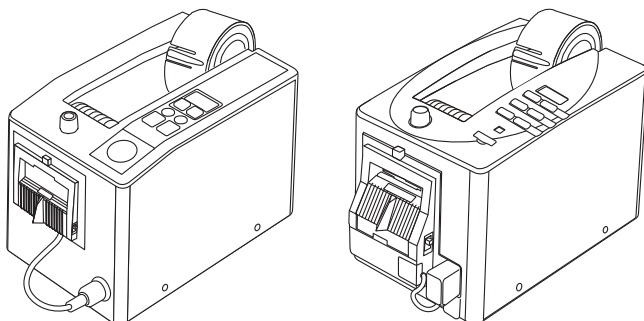




www.sakura.in.th

Electronic Tape Dispenser M-1000/ M-2000 MS-1100/ MS-2200

Instruction Manual



Thank you very much for purchasing
our "Electronic Tape Dispenser".
Please read this instruction manual
before using or when it's necessary.

MADE IN JAPAN

Contents

1 Notice	1.1	Product comparison _____	1
	1.2	⚠ Warning _____	2
	1.3	⚠ Caution _____	2
2 Description of parts and function	2.1	For M-1000 / M-2000 _____	3
	2.2	For MS-1100 / MS-2200 _____	4
3 Operation	3.1	Setting up _____	5
	3.2	Loading tape _____	5
	3.3	Sets tape length _____	6
	3.4	Resets saved length _____	6
	3.5	Using automatic feed _____	7
	3.6	Using manual feed _____	7
	3.7	Safety shutter (Safety device) 1100 2200 _____	7
	3.8	How to release “Err” “---” error 1100 2200 _____	7
	3.9	Changing tape _____	8
	3.10	How to remove jammed tape _____	8
	3.11	Length memory function 1100 2200 _____	9
	3.12	Changing saved preset lengths _____	10
4 Maintenance	4.1	Replacing separating roller unit _____	11
	4.2	Maintenance of cutter blades _____	11
	4.3	Replacing cutter and cutter liner _____	12
5 Specifications		_____	13

1 Notice

This instruction manual is for our tape dispensers, model No. M-1000, M-2000, MS-1100 and MS-2200.

Refer to following comparison for differences of each models:

1.1 Product comparison

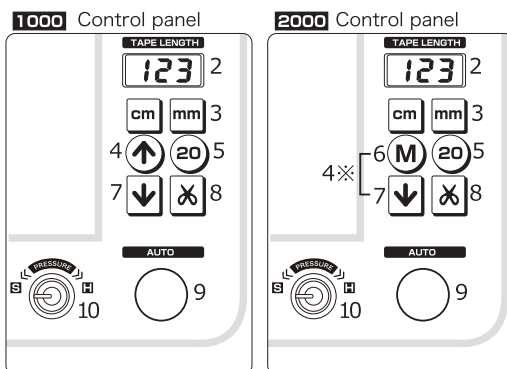
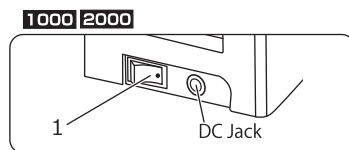
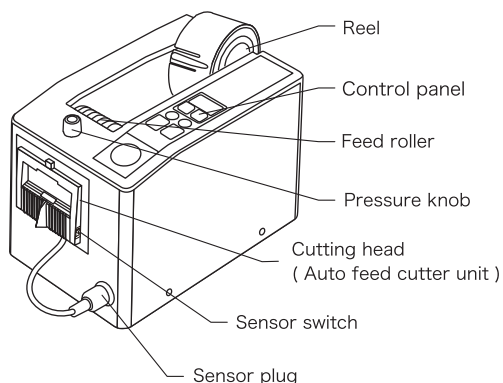
Model No.	M-1000	M-2000	MS-1100	MS-2200
Automatic feed and cut	●	●	●	●
Length memory	—	●	—	●
Safety shutter	—	—	●	●

Refer to page 9 for details of length memory. **2000 2200**

Refer to page 7 for details of safety shutter. **1100 2200**

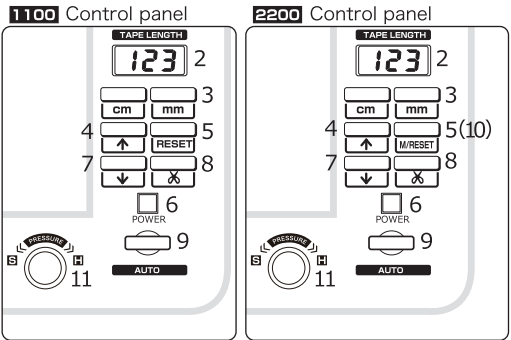
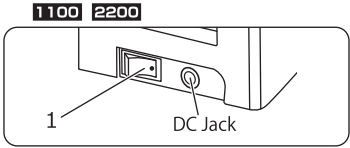
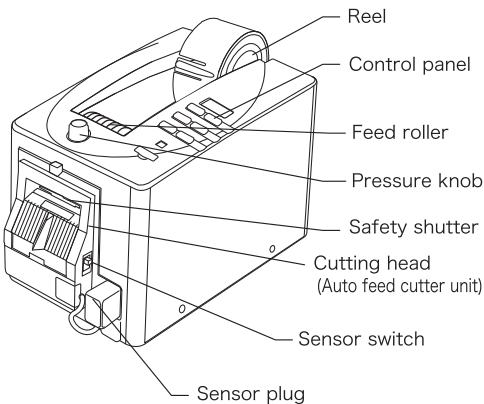
2 Description of parts and function

2.1 For M-1000 / M-2000



1 Power switch	Press to turn power ON or OFF.
2 Tape length display	Shows tape length and error.
Length adjustment key	The last digit indicates " mm " (0 - 9mm)
3	and the first two digits " cm " (20 - 990mm).
4 Reverse key	1000 Feed roller reverses by pressing . Use this key for changing tape. <hr/> 2000 Feed roller reverses by pressing M +. Use this key for changing tape.
5 20(reset)key	Resets length display reset and back to min set length of 20mm.
6 Memory key	2000 Press and hold it till the LED display flashes for saving memory. Saved lengths can be selected by short pressing of this key.
7 Feed key	Tape dispenses as long as is pressed.
8 Cut key	Press to cut tape.
9 Auto Key	Press AUTO to feed tape to the preset length and cuts automatically.
10 Pressure knob	Adjust press (top) roller to change pressure on tape.

2.2 For MS-1100 / MS-2200



1 Power switch	Press to turn power ON or OFF
2 Tape length display	Shows tape length and error.
Length adjustment key	The last digit indicates “ mm ” (0-9mm) and the first two digits “ cm ” (30 – 990mm). mm + cm : Back to min set length of 30mm
4 Reverse key	Feed roller reverses by pressing . Use this key for changing tape.
5 Reset key (M/RESET for 2200)	RESET Release error by pressing this key for 2 times.
6 Power LED	<input type="checkbox"/> Lamp goes on when the power is turned ON.
7 Feed key	Tape dispenses as long as is pressed.
8 Cut key	Press to cut tape.
9 Auto Key	Press AUTO to feed tape to the preset length and cuts automatically.
10 Memory key	2200 M/RESET Press and hold it till the LED display flashes for saving memory. Saved lengths can be checked by short pressing of this key.
11 Pressure knob	Adjust press (top) roller to change pressure on tape.

3 Operation

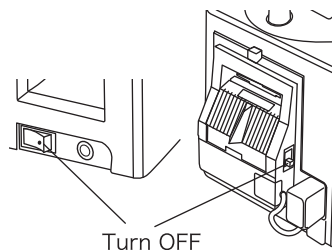
3.1 Setting up



Attention

Make sure power and sensor switches are OFF for safety purpose

- ① Plug sensor plug into the unit.
- ② Plug power cord in.
- ③ Turn the power switch ON.



1000 2000

Min set length of 20 will be shown on the LED display.

LED display

20


1100 2200

Min set length of 30 will be shown on the LED display.

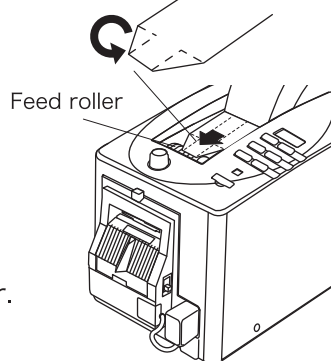
LED display

30

3.2 Loading tape

- ① Pull the reel out from the unit.
Load tape on the reel and place to the unit.
- ② Make sure to position the tape on the center of the reel.
- ③ Fold corner of the tape to form a trapezoid shape (Fig.). Stick the tape onto metal feed roller.
- ④ Press “” until tape feeds through cutting head.

(Fig.) Fold tape back



⑤ Adjust “Pressure knob” in accordance with tape.

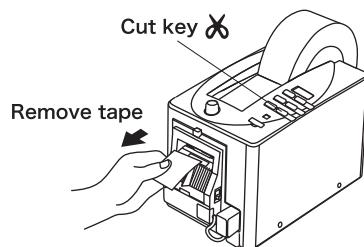
- If tape curls up or slips,
increase pressure.(clockwise)
- If tape creases,
decrease pressure.(counter clockwise)



⑥ Advance 3cm – 4cm of the tape out from the cutting head.

⑦ Press “ ✂ ” to cut the tape.

⑧ Remove tape



3.3 Sets tape length

Make sure sensor switch is OFF.

Press “ **mm** ” and “ **cm** ” for setting length.

① Press “ **mm** ” to set length of 0-9mm(Last digit)

② Press “ **cm** ” to set length of **1000 2000** 20 -990mm

/ **1100 2200** 30 -990mm.(First two digits)

LED display



↓ **mm**



↓



↓



* Keep pressing button for quick change.

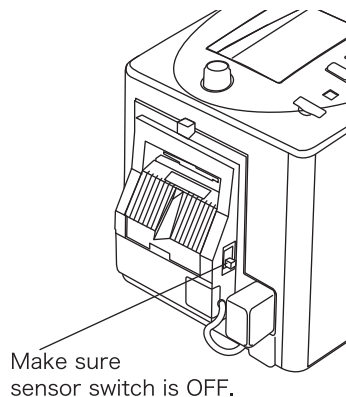
* Last setting length is saved even main power is turned OFF.

3.4 Resets saved length

1000 2000 Press “ **20** ” to reset and back to min set length of 20mm.



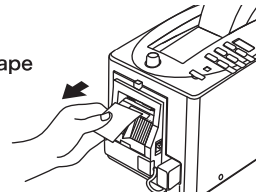
1100 2200 Press “ **mm + cm** ” to reset and back to min set length of 30mm.



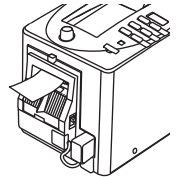
3.5 Using automatic feed

- ① Turn sensor switch ON.
- ② Tape will be fed set length and cut.
- ③ Remove a piece of tape from machine.
- ④ Another piece will be fed and cut.

Remove
a piece of tape



Automatically
set length is
fed and cut

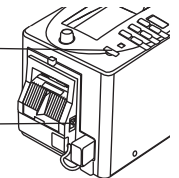


3.6 Using manual feed

- ① Turn sensor switch OFF.
- ② Press “ **AUTO** ” .
- ③ Whenever “ **AUTO** ” is pressed,
set length is fed and cut.

Press “Auto key”

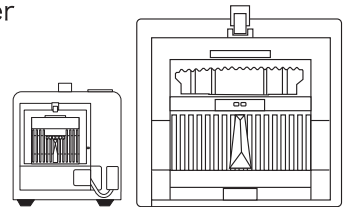
Turn sensor switch OFF.



3.7 Safety shutter (Safety device) 1100 2200

Safety shutter system prevents activation of cutter when foreign objects are present.

- ※ When safety device is activated, show error (**Err**) on the LED display.
- ※ “ - - - ” error will be shown, if any keys are pressed while display shows “ **Err** ” error.
- ※ No safety shutter for **1000** and **2000** .

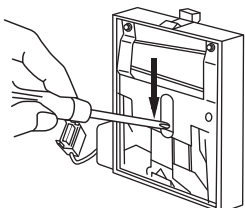


safety shutter activated

3.8 How to release “ **Err** ” “ - - - ” error 1100 2200


- ① Remove cutting head from the unit.
 - ② Remove jammed tape.
 - ③ Move shutter and cutter by tool and back them to the right position(Fig.).
 - ④ Press “ **RESET** ” (1st press)
 - ⑤ LED display shows length.
 - ⑥ Press “ **RESET** ” again. (2nd press)
 - ⑦ Error will be released.
- ※ Ask distributor or **ECT Inc.** in case error can't be released.

(Fig.)



3.9 Changing tape

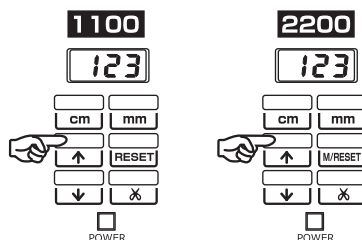
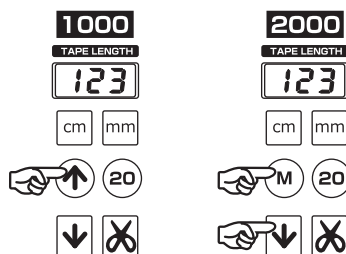
① Turn sensor switch OFF.

② Press “  ” to reverse tape.

2000 “ **M** ” + “  ”.

The feed roller will rewind the tape away from cutter area.

③ Remove whole reel out from the unit and replace tape.



3.10 How to remove jammed tape

① Press “  ” to reverse tape.

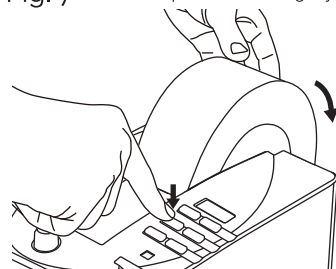
“ **M** ” + “  ” for reverse. **2000**

※ Hold the tape and wind it backward slightly as per (Fig.) .

② Remove tape from metal roller.

③ Cut wrinkled part of tape.

(Fig.) Wind the tape backward slightly



● In case of heavy tape jam.

① Remove cutting head from the unit.

② Cut wrinkled part of tape.

③ Remove jammed tape by tweezers.

※ In case tape is wrapped around any rollers, those need to be cut by scissors.
Make sure roller wouldn't be damaged.

● If tape jammed in the cutting head.

① Remove cutting head from the unit.

② Check the gap of the blade on the back.

③ Remove jammed tape by tweezers.

※ When its heavy jam, cutter spring need to be removed.
See details for page 12.



Make sure sensor switch is OFF for safety purpose.

3.1 1 Length memory function **2000 2200**

Set preset lengths and select a mode.

3 different lengths can be saved, and 2 different modes are selectable.

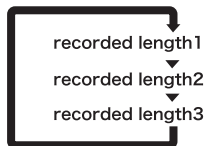
Preset mode (on " 0 ")

On " 0 ", the machine will feed and cut the first set length until the " M " is pressed, then it will feed the second length until the " M " is pressed, and so on.




Loop mode (on " 5 ")

On " 5 ", the machine will feed and cut the recorded length in series.



STEP.1 Save lengths


2000 Press and hold " M " ("  " for **2200**) until the LED display START flashing.

※LED display flash = Setting mode

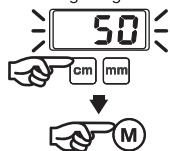


1st preset length (Memory 1)

Press " mm " , " cm " and set the length to register memory 1.


2000 Press " M " ( for **2200**) for completing 1st length registration.

recorded length1 e.g. length 50mm




2nd preset length (Memory 2)

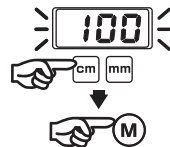
Press " mm " , " cm " and set the length to register memory 2.

2000 Press " M " ( for **2200**) for completing 2nd length registration.

※If no need to register 2nd preset length, leave " 999 " and

2000 press " M " ( for **2200**).

recorded length2 e.g. length 100mm




3rd preset length (Memory 3)

recorded length3 e.g. length 300mm

Press " mm " , " cm " and set the length to resister memory 3.

※ If no need to resister 3rd preset length, leave " 999 " .




2000 Press " M " ( for **2200**) for completing all registration.

Then "0" will be shown on the LED display.



STEP.2 Select the mode

On " 0 " : Preset mode

2000 Press and hold " M " ("  " for **2200**)

Press and hold



until the LED display STOP flashing.

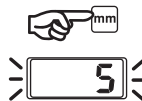
1st preset length will be shown.




On " 5 " : Loop mode

Press " mm " .

And " 0 " will be turned to " 5 " .



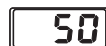
2000 Press and hold " M " ("  " for **2200**)

Press and hold



until the LED display STOP flashing.

1st preset length will be shown.



All setting for " Preset mode " has been completed.

All setting for " Loop mode " has been completed.

3.12 Changing saved preset lengths

● Change all

2000 Press " 20 " for deletes all setting.




2200 1. Turn the main power OFF.

2. Turn the main power ON while keep pressing

"  " for deletes all setting.



● Change 1 or 2 preset lengths **2000** **2200**



① **2000** Press and hold " M " ("  " for **2200**) until the LED display START flashing.

② **2000** Press " M " ("  " for **2200**) and find length, you'd like to change.

③ Press " mm " " cm " keys and change length.

④ **2000** Press and hold " M " ("  " for **2200**) until the LED display STOP flashing. 1st preset length will be shown and complete changing preset length.

4 Maintenance

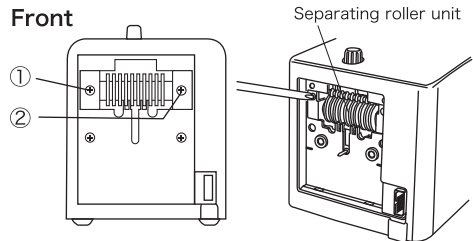
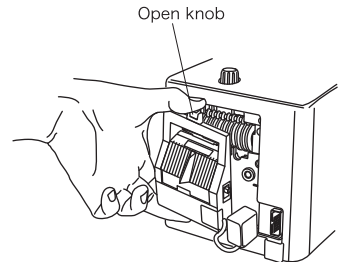
 Caution	For safety reason, make sure to pull power cord out from power outlet for any maintenance.
 Caution	Do NOT touch cutter blade!

4.1 Replacing separating roller unit


Rubber rings on "Separating roller unit" are consumable part.

Regular replacement is required for keeping the best feeding condition.

- ① Remove cutting head.
- ② Unscrew ① and ②.
- ③ Pinch centre of separating roller unit and pull it out.
- ④ Replace with new unit.



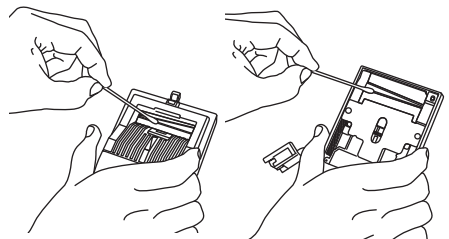
4.2 Maintenance of cutter blades

 Caution	Remove the auto-feed cutter unit from the machine when using alcohol. Failure to do this may cause fire.
--	---

Although special coating is applied on our cutter blade, glue will be built up eventually.

In order to maintain the best cutting condition, remove accumulated glue regularly. Use alcohol for removal.

Then use enclosed "silicone oil" for less glue building up.





Caution

Pay extra attention when blades are replaced !!

4.3 Replacing cutter and cutter liner

Cutter and cutter liner are consuming part.

Regular replacement of cutting head, (or cutter blades, liners individually) is required for keep the best cutting condition.

- ① Remove cutting head.
- ② Turn 2 screws and remove “cutter spring”.



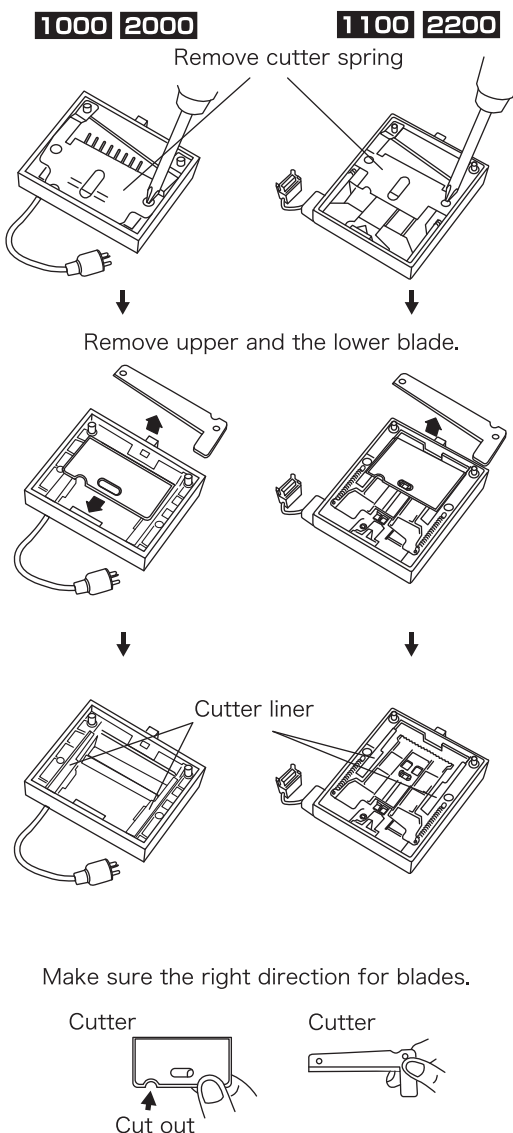
Attention

Hold cutter spring when it's unscrewed, for preventing parts popping out.

- ③ Remove cutter blades.
- ④ Make sure the direction and replace “cutter liners”, if those are worn out.
- ⑤ Make sure the direction and replace cutter blades.

- ⑥ Put cutter spring back.

- ⑦ Fasten cutter spring by 2 screws.



5 Specifications

Model No.	M-1000	M-2000	MS-1100	MS-2200
Display	3 digits LED			
Applicable Tape width	7 - 50mm ※ "Magnetic Tape Guide" as an option is suggested for 7 - 30mm width tape.			
Cut length	20 - 999mm		30 - 999mm	
Core (Reel) diameter	3-in-1 reel (25mm, 35mm, 76mm) (1", 1.4", 3")			
Max outside Dia. of tape	ϕ 170mm (Larger reel stand is available as an option part)			
Usable tapes	Cellophane, Kraft, Cloth, PP, Double-sided, Filament, Creped, etc. ※ Following kind of tapes are possibly affect for smooth feeding or cutting: Curls, Strong adhesive, Black color, High transparency, Too thin, Slippery, Generates much static			
Drive	DC motor for tape feeding and cut			
Power consumption	18W			
Power (MainUnit):	DC18V 1A (use dedicated AC adaptor)			
AC adaptor	Input: AC100 ~ 240V 50/60Hz 1.5A Output: DC 18V 2.5A Cord length: 1.8m			
Ambient illumination	Fluorescent : 3,000 lx or less LED lighting : 10,000 lx or less Sun light : 10,000 lx or less ※Not for outdoor use.			
Ambient Temp and Humidity	5°C - 40°C, 80% RH or less			
Size (W×L×H)	137×245×156mm	137×245×156mm	137×249×156mm	137×249×156mm
Weight	About 2.2kg (include AC Adaptor and reel)		About 2.3kg (include AC Adaptor and reel)	
Cabinet material	ABS plastic			
Country of origin	MADE IN JAPAN			

※ Accuracy of cut is about ±2mm (depends on tape).

※ Specifications are subject to change without notice.

✉ Sales@sakura.in.th

🏠 www.sakura.in.th