

EXC-305

Operation Manual



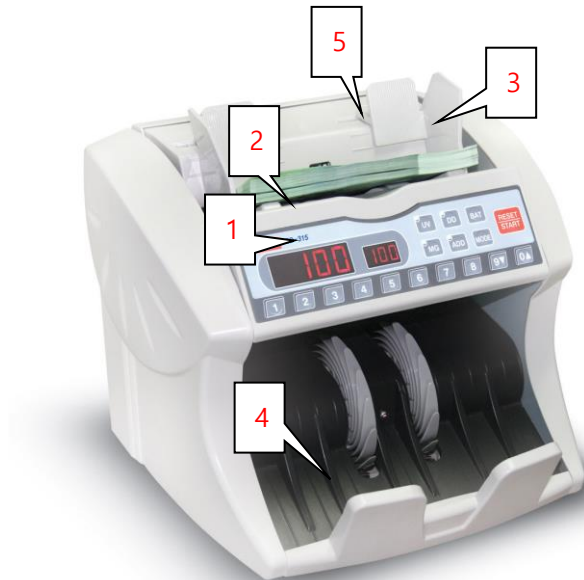
The design specifications of our products are subject to change without prior notice, if in doubt, please contact the company.

English version is only for reference.

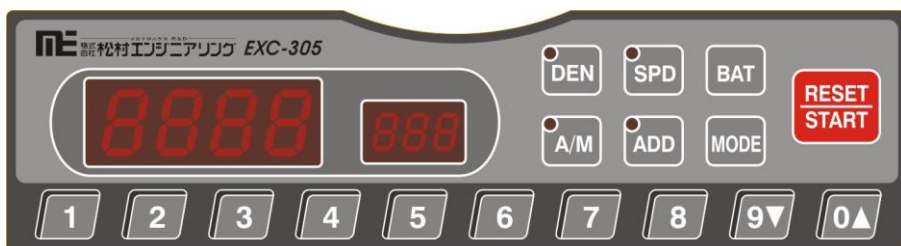
1. Overview

1-1. General Overview

- ① CONTROL PANEL
- ② HOPPER
- ③ HOPPER GUIDE
- ④ STACKER
- ⑤ THICKNESS ADJUSTMENT SCREW



1-2. Control Panel



[Control Panel]

- ① RESET/START : RESET & START BUTTON
- ② BATCH : PRESET NUMBER OF NOTES
- ③ SPD : MACHINE SPEED
- ④ ADD : ACCUMULATED NUMBER COUNT
- ⑤ DEN : DENSITY LEVEL(change Machine Speed to 1,300 npm)
- ⑨ A/M : AUTOMATIC & MANUAL COUNT
- ⑩ MODE : MACHINE SET-UP

2. Function of Control Panel

2-①. RESET / START

This button can be used to reset number of counting result shown on the display or error messages or to start the machine operation.

2-② BATCH

Expected the BATCH size of note numbers will be selected. When reaching the BATCH number the machine stops operation.

2-③ SPD

It is the SPEED button which has 4 different speeds as shown under..

L-1 : 1,000 notes per minute

L-2 : 1,200 notes per minute

L-3 : 1,300 notes per minute

L-4 : 1,500 notes per minute

2-④ ADD

When pressing ADD button the accumulated total of notes will be shown on the display when they have been counted.

2-⑤ DEN

When pressing DEN button tickets can be counted.

2-⑨ A/M

When A/M button is on machine will be starting automatically in case the hopper sensor detects any notes placed. In case of A/M button is off the machine is running manually whenever RESET/START button is pressed.

2-⑩ MODE

When pressing "MODE" button 5 times you may move to " dAtA Set" showing on the display. Then press MODE button again in order to move to the following mode set-up. You can select each of levels like speed/density/batch/beep on&off/stacker alarm by 9 and 10 button.

- . Ed-A : Density Levels
- . SS-A : Short & Chain note detection
- . bt-A : Batch number preset
- . bu-A : Beep on/off
- . St-A : Stacker Alarm
- . SPd : Speed Change
- . At-n : Auto / Manual Start

In order to exit the MODE function press RESET/START button.

For the details of the MODE functions you may refer to the SERVICE MANUAL- SERVICE MODE . It shows the way as to how to change each of set-up.

3. Recovery of factory set-up

In case you need to reset all the set-ups you changed or you would like to recover the factory default configuration you may take the following steps.

3-① press

9	1	1	1
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 button

3-② press

MODE

 button 10 times

3-③ press

RESET/START

 button

4. Error Codes

Error Codes	Reason	Solution
E-db	Two notes have passed	Check the Note
E-CH	2 or more notes have passed	Check the Note
E-HF	Half size note has passed	Check the Note
E-JA	Notes are jammed in the M/C	Remove the Note
E-FE	Machine runs but no Notes	Check the Hopper
E-HP	Dirt on Hopper Sensor	Clean the Sensor
E-St	Dirt on Stacker Sensor	Clean the Sensor
E-C1	Dirt on Left Count Sensor	Clean the Sensor Check the Cable
E-C2	Dirt on Right Count Sensor	
E-C3	Dirt on both Count Sensors	
E-En	Encoder Sensor Problem	Check the Sensor
E-Pr	Note Skew (right side)	Count Again
E-PL	Note Skew (Left side)	Count Again
E-CF	UV Error	Fake Note
E-FC	MG Error	Fake Note
E-dd	Different Size Note by Height	Remove the Note
E-So	Short size note has passed	Check the Note

5. Specification

Main Voltage	AC 95~230V 50/60Hz
Power Consumption	40 W
Dimension	255(H) X 270(W) X 260(D) mm
Weight	6 Kg
Document Size	100~185 (D), 60~100mm (H)
Speed	1,000/1,200/1,300/1,500 notes per min
Hopper Capacity	300 notes (up to 500 notes)
Stacker Capacity	300 notes

6. Maintenance

6-① When cleaning the Sensors please do not use any Chemicals

6-② Clean the Sensors by soft brush provided periodically

For the details of Operation Manual you may get in touch with
MATSUMURA ENGINEERING CO., LTD. via www.matsumura-eng.com