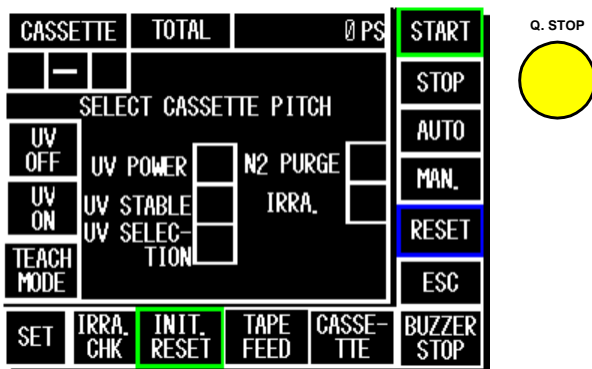
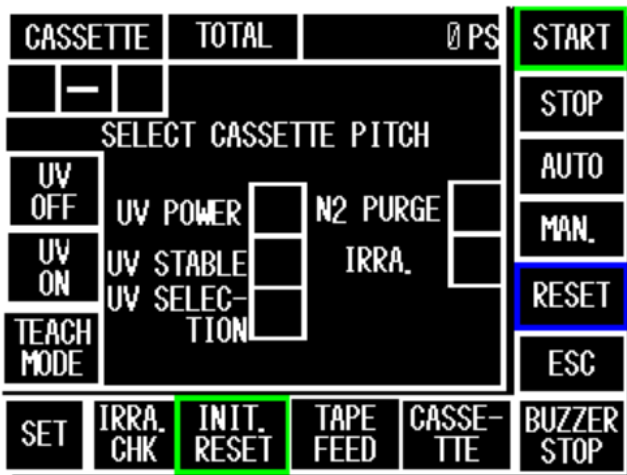


5.2 Manual operation for aligner



(1) Press [Q. STOP] key.



(2) Press [BUZZER STOP] key on MAIN SCREEN.



- (3) Connect the teach pendant with the machine, and press [TEACH MODE] key on the MAINSCREEN.
- (4) Press [MAINTENANCE] key on the teach pendant. "RANDOM" is displayed on the teach pendant screen. Press [BUZZER STOP] key on MAIN SCREEN.

5.2 Manual operation for aligner (Continued)

CASSETTE		TOTAL		0 PS		START
—						STOP
SELECT CASSETTE PITCH						
UV OFF	UV POWER			N2 PURGE		AUTO
UV ON	UV STABLE			IRRA.		MAN.
TEACH MODE	UV SELECTION					RESET
						ESC
SET	IRRA. CHK	INIT. RESET	TAPE FEED	CASSETTE	BUZZER STOP	

- (5) Press [MAN.] key on MAIN SCREEN.
 “1st page of the setting screen” is displayed.
 Press [REV PAGE].

ALIGNER	3-TIMES APPLY	APPLY DOWN	START
T/1,2 SELECT	T/3 SELECT	REPEEL SELECT	STOP
PAD UP TIMER	IRRA., N2 TIMER		AUTO
REV PAGE			MAN.
			RESET
			ESC
			BUZZER STOP

- (6) Press "ALIGNER".
"SCREEN FOR ALIGNER" is displayed.

SCREEN FOR ALIGNER

SEND KEY

COMMAND

RESPONCE MASSAGE

STATUS WORD

O. F ANGLE

V-NOTCH ANGLE

START

STOP

AUTO

MAN.

RESET

ESC

BUZZER STOP

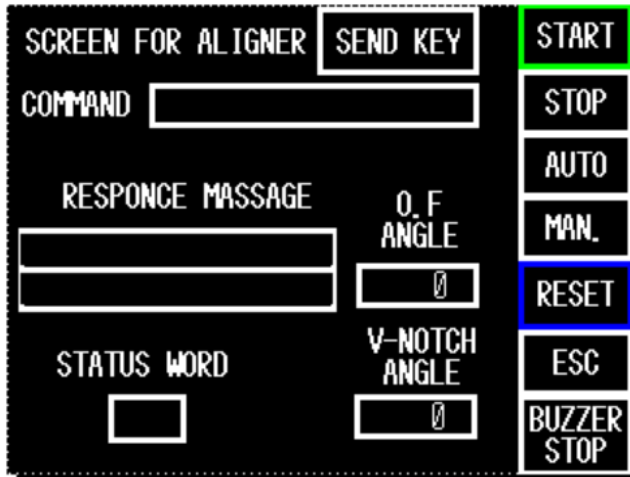
- (7) Press display of "COMMAND". The keyboard is indicated.

5.2 Manual operation for aligner (Continued)

(8) Enter the command* with the keyboard according to the following procedure.

- (a) Enter "P0" (P Zero).
- (b) Enter appropriate command*. Enter a numerical value after the command when necessary.
- (c) Press [SPACE] key on the keyboard.
- (d) Press [ENT] key to input the value.

* Refer to next page about the command.



(9) Press [SEND KEY]. The command is sent to the aligner.

(10) To finish the manual operation, press [ESC] key, and then press [AUTO] key.

<Exit from the manual operation>

- (1) Press [ESC] key on "SCREEN FOR ALIGNER", then press [AUTO] key to back to MAIN SCREEN.
- (2) Confirm whether "RANDOM" is displayed on the screen of the teach pendant. If "RANDOM" is not displayed, press [AUTO/TEACH] key to indicate "RANDOM".
Press [MAINTENANCE] key on the teach pendant. The display on the teach pendant is disappeared.
- (3) Press [TEACH MODE] key on MAIN SCREEN, and disconnect the teach pendant from the machine.

5.2 Manual operation for aligner (Continued)

Command type:

BW:	Switches to the alignment operation for T3. Only the wafer centering is performed without V-notch detection.
FW <offset>:	Aligns the wafer at an offset angle you input. (The offset angle is 0-degree if the value is not input)
GW:	The offset angle ("SR" command) is read from the battery backup RAM, and aligns the wafer.
RC:	The vacuum pad is moved to the reference position.
RS:	Reset the aligner.
RX <step>:	Moves X-axis direction by an increment of the step.
RY <step>:	Moves Y-axis direction by an increment of the step.
RW <step>:	Turns the pad by an increment of the step.
SF:	Sets the OF detect mode.
SN:	Sets the Notch detect mode.
SR<Offset>:	It is used with GW command. Inputs the previous offset angle to the battery backup RAM.
SX:	Change the CCD unit size. (Enter the wafer size to "X")
VN:	Turns on vacuum.
VF:	Turns off vacuum.

CCD correction

CB:	Corrects the CCD
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* Described "Command <step / setting value>" is requires to input the value in <> when you input the value.