Self Check when Printing

In order to use the machine stably, please check the followings before printing

POINT Is the environment suitable for printing?

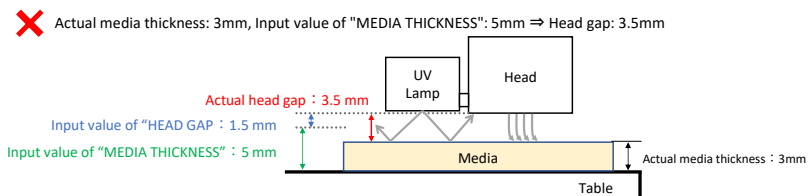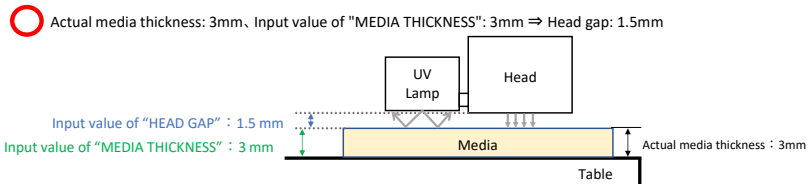| Available temp.	20 to 30 °C (68 to 86° F)
Humidity	35 to 60 % Rh （No condensation）
Guaranteed temp.	20 to 25°C (68 to 77° F)

POINT Is the machine's lamp flashing red or lit red?

Flashing red ：Error has occurred

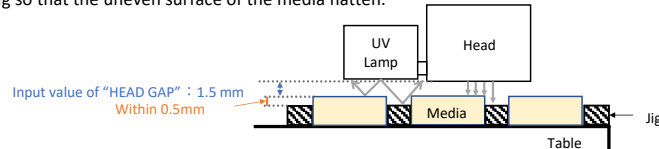Lit seady red ：Error (SYSTEM HALT) has occurred

POINT Is the head gap correct? (Recommendation of Head gap: 1.5 mm)

When the head gap is higher, ink drops tend to turn into mist, since ink cannot reach the media.
The ink mist adheres to the head surface, the filter of the cooling fan, and the printed product.
Also, the reflection of the UV light becomes higher with wider gap, and it causes nozzle clogging.

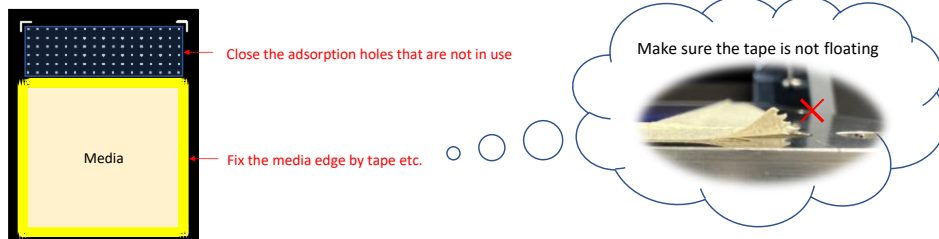☞Make sure the input value of "MEDIA THICKNESS" is correct

◯ Actual media thickness: 3mm、Input value of "MEDIA THICKNESS": 3mm ⇒ Head gap: 1.5mm

Input value of "HEAD GAP"：1.5 mm
Input value of "MEDIA THICKNESS"：3 mm
UV Lamp　Head　Media　Table　Actual media thickness：3mm

✕ Actual media thickness: 3mm, Input value of "MEDIA THICKNESS": 5mm ⇒ Head gap: 3.5mm

Actual head gap：3.5 mm
Input value of "HEAD GAP"：1.5 mm
Input value of "MEDIA THICKNESS"：5 mm
UV Lamp　Head　Media　Table　Actual media thickness：3mm

☞Use a jig so that the uneven surface of the media flatten.

Input value of "HEAD GAP"：1.5 mm
Within 0.5mm
UV Lamp　Head　Media　Jig　Table

POINT Is the media floating?

If the media is floating, it may contact to the head and the head will be damage.

☞In order to increase the adsorption force of the media, close the adsorption holes that are not in use.
☞When printing the media that easy to roll up, fix the media edge using adhesive tapes, etc

Close the adsorption holes that are not in use
Media
Fix the media edge by tape etc.
Make sure the tape is not floating

POINT Did you check Test Print?

Please check a test pattern to check that there are no discharging defects such as nozzle clogging
(slight touching of ink or nozzle missing).

Normal pattern	Abnormal patterns		
	Nozzle drop out	Nozzle missing	Deflection
Lines are printed evenly	Many lines are missing	The lines are missing as if the teeth are lost	The distance between the lines is narrowing or double lines are formed