



HDT04-JAB

Automatic Hard Drive Crusher

User Manual vA.05



EN

Product Disclaimer	3
Warranty	3
Safety Instructions	4
Notice Symbols	6
Features.....	7
Package Content.....	8
Optional Accessories and Tools	9
Product Overview	10
Transporting the Device.....	12
Destruction Procedure.....	14
Operation Panel.....	17
Operation Mode	18
Setting Mode	20
Counter Function and Job Counter Reset	22
Procedure for Attaching Destruction Tool	23
Using the HDD Tool and Tray	24
Using the SSD Tool and Tray	26
Using the M.2 Tool and Tray	28
Destroy the Optical Disc	29
How to Clear Destruction Tool Jams	30
How to Replace Punch Pin and Blade	31
FAQ.....	33

Product Disclaimer

U-Reach is not accountable for any incidental or consequential damages, which includes, but is not constrained to property harm, loss of time or data from use of a U-Reach product, or any other damages attributable to product malfunction or failure (including without limitation, those attributable to: (1) reliance of the materials provided, (2) costs of product replacement, (3) loss of use, data or profits, (4) delays or business interruptions, (5) and any principle of legal responsibility, arising out of or in reference to the use or overall performance or from delays in servicing or lack of ability to render service) of any U-Reach product. U-Reach makes every effort to ensure proper operation of all products. However, the customer is responsible to affirm that out of the U-Reach product meets the customer's quality requirement. The customer further acknowledges that fallacious operation of U-Reach product and/or software program, or hardware issues, can cause loss of data, defective formatting, or data loading. U-Reach will make efforts to resolve or repair any issues recognized by customer either within the warranty period or on a time and materials basis.

Specifications and features subject to change without notice or obligation.

Warranty

U-Reach provides a basic one-year parts and labor warranty for all of its products (excluding cables, adapters, and other consumable items). An optional extended warranty is also available for an added cost. Telephone and email support is available for the life of the product as defined by U-Reach.

All warranties will be restricted and defined by the market region from which customers purchased.

Safety Instructions

Read this manual carefully before operating the device.

Failure to follow these instructions may result in personal injury or damage to the device.



Warning

<u>Do not destroy items other than the supported storage media.</u> This device is designed to destroy storage media. Destroying other items may damage or deform the device. Do not attempt to destroy unsupported storage media.	
<u>Do not destroy items that may explode (e.g., batteries).</u> Explosive materials, such as batteries (rechargeable batteries), are extremely hazardous and can cause explosion or fire if destroyed. Never destroy batteries or devices with built-in batteries. If you are unsure whether the device contains a battery or other explosive material, check the contents before destruction.	
<u>Install the device out of reach of children.</u> Keep this device out of reach of children. Misuse may cause serious accidents.	
<u>Do not open the door during the destruction process.</u> The table moves up and down during the destruction process and opening the door may pinch fingers. Do not open the door and do not put your hand inside until the moving parts have stopped. In an emergency, turn off the power and unplug the device before opening the door or reaching inside.	
<u>Always place the storage media in the correct orientation.</u> HDD destruction is designed to puncture the exterior (lid and die-cast aluminum case) and platters. The rotating shaft and actuator of the platters are too hard to be pierced. Operating the device with the HDD in the wrong orientation may cause the bit to strike these parts and damage the device. Even with other storage media to be destroyed, if they are installed differently from the instructions in the manual, there is a risk of incomplete destruction, deformation or damage to the device due to the load placed on it, or other malfunctions.	
<u>HDDs should be set with the label side facing up.</u> Ribs on the backside of HDDs are not suitable for destruction due to their hardness. In principle, destruction should be performed from the label side, which is less rigid. Continuing destruction with the bit hitting the ribs may result in damage or failure of the device.	

<u>Do not touch fragments or cracked pieces after destruction.</u> Broken fragments and cracks may be sharp and can cause injury if touched. Remove them without direct contact, such as by discarding them while they are still on the Tray or by sweeping them out with a brush. Especially for 2.5" HDDs with glass platters, handle with care as glass may spill out through the drilled holes.	
<u>Do not place the device on an unstable or soft surface.</u> The device may fall or topple over, which may cause injury or damage to the device.	
<u>Do not place the device in a location where it may be exposed to water or outdoors.</u> This may cause electric shock or fire.	
<u>If dust or moisture is present on the metal prongs of the power plug, wipe it off before use.</u> Insufficient insulation of the power plug may cause electrical discharge, resulting in a fire.	
<u>Check that the power cord and the device are not damaged.</u> A damaged part touching the conductor may cause an electric shock or fire.	
<u>If smoke, unusual noise, or a strange smell is detected, stop using the device immediately.</u> <u>Turn off the power switch and unplug the device from the power outlet.</u> Continued use may cause fire, electric shock, or explosion.	
<u>If the device is subjected to a strong shock or becomes damaged, stop using it immediately.</u> <u>Turn off the power switch and unplug the device.</u> Continued use of this device may cause fire, electric shock, or explosion.	
<u>Do not insert anything into or through the gaps or vents of this device.</u> Doing so may damage the device or cause an electric shock. If an object is accidentally inserted, stop using the device, unplug it, and contact tech support.	
<u>Do not place vases, cups, or other containers filled with liquids on this device.</u> Doing so may damage the device or cause an electric shock. If the device is accidentally splashed with liquid, stop using it, unplug the device, and contact technical support.	
<u>Do not touch this device during lightning storms.</u> There is a risk of electric shock.	
<u>Do not attempt to repair, modify, or disassemble the device yourself.</u> In such cases, please contact technical support.	



Caution

<u>Remove any debris before transporting this device.</u> Debris inside the unit may enter moving parts and cause malfunction.	
<u>Do not block the ventilation openings.</u> Doing so may cause the device to become hot, which may result in burns. This may also damage the device._	
<u>Before moving this device, pull out the power plug from the power outlet.</u> If you try to move the device without unplugging the power plug, the power cord, outlet, and connections with the device may be damaged, or the device may get caught and fall, resulting in injury.	
<u>Do not pull the power cord when unplugging the device.</u> Doing so may damage the cable or outlet.	
<u>Do not insert or pull out the power plug with wet hands.</u> Doing so may cause an electric shock.	
<u>Do not install the device in direct sunlight or in a location where it will be exposed to high temperatures.</u> Doing so may cause the device to become hot, resulting in fire or malfunction.	
<u>Do not install the device in a humid or dusty location.</u> Doing so may cause fire or electric shock.	
<u>Inspect the device periodically for any problems.</u> Periodically check the device for any of the issues listed above. If you have any questions, please contact technical support.	

Notice Symbols

Important notes, procedures, and information to review before use.

Note

Provides additional information, tips, or operational guidance.

Caution

Refers to procedures that need to be adhered to or precautions.

Features

Thank you for purchasing this device.

This Physical Destruction Device (hereafter referred to as “the device”) is designed to destroy storage media such as HDDs (hard disk drives), SSDs (solid state drives) and flash memory. It has the following features:

- Supports HDDs, SSDs, and other types of storage media with a single device. By changing out three types of Destruction Tools, HDDs, SSDs, and other storage media can be destroyed using only this device. Each Destruction Tool can be replaced easily without additional tools.

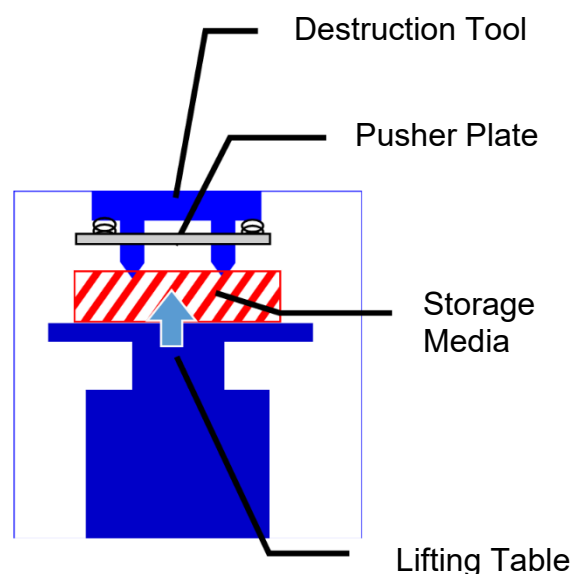
- Compact and lightweight design, ideal for onsite jobs
The compact and lightweight design, combined with a dedicated transport case equipped with casters and an extendable handle, makes the unit highly portable. This is useful when device destruction needs to occur at customer sites.

- Easy-to-understand LCD display and simple button operation.
Clear status messages on the display guide the operator during destruction. The unit features only two buttons for simple operation.

- Unique destruction mechanism (patented)

The table on which the storage media is placed is raised by up to 12 tons of hydraulic pressure, and the media is destroyed by pressing it against the Destruction Tool fixed on the top with strong pressure (see figure on the right).

After destruction, the Pusher Plate peels off the storage media from the Destruction Tool by spring force to prevent jamming, and a mechanism is built in to facilitate the removal of the storage media.



Package Content

1. Main Unit



2. Carrying Case



3. Power Cord



4. Screwdriver



5. Clamp Lever



6. Hex Key Set

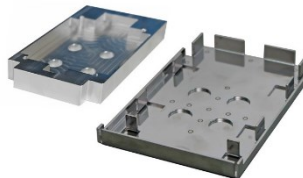


7. HDD Destruction Tool



8. HDD Tray

For 2.5" HDD



For 3.5" HDD

9. Replacement Punch Pins



10. User Manual



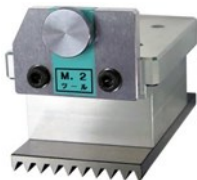
* The color and appearance of the included items may vary from those shown in this manual.

Optional Accessories and Tools

■ Model: HDT4-32T

Photo	Description	Notes
	Punch Pin	Replacement Punch Pins for HDT4-HT. (2 pieces per set.)

■ Model: HDT4-MT

Destruction Tool	Tray	Supported Media	Example
		 M.2 SSD	 
		 mSATA SSD	

■ Model: HDT4-ST

Destruction Tool	Tray	Supported Media	Example
		 2.5" SSD	
		 USB Memory Stick	
		 SD Card	

■ Model: HDT4-HT

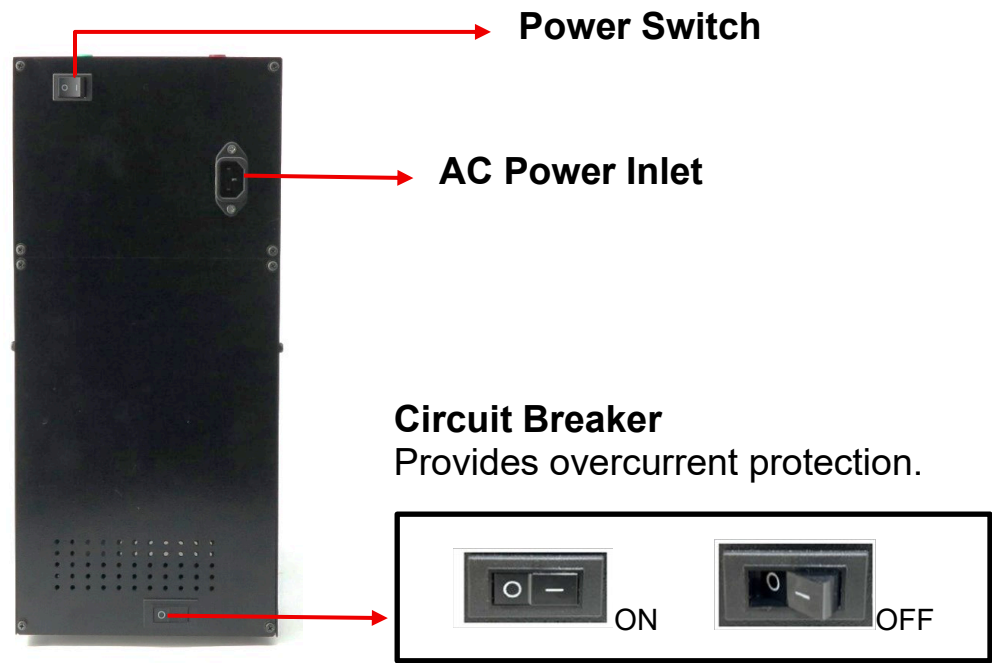
Destruction Tool	Tray	Supported Media	Example
		 3.5" HDD	
		 2.5" HDD	
		 Optical Disk Floppy Disk MO Disk	

Product Overview

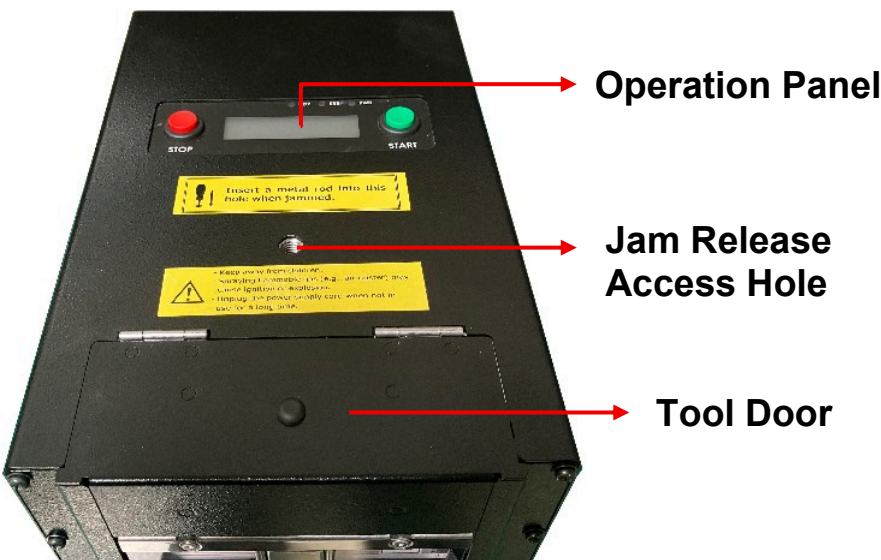
Front



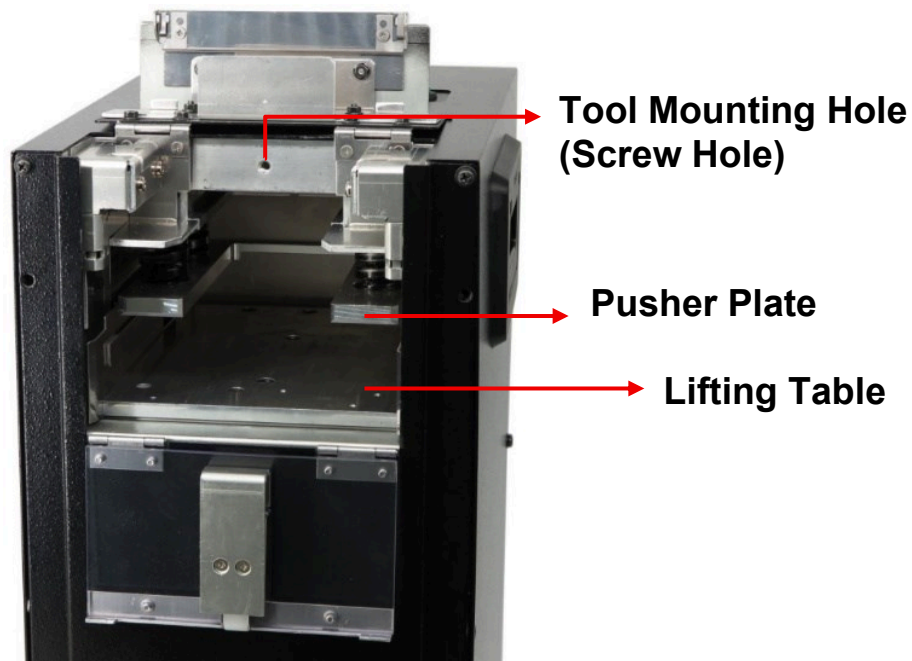
Back



Top



Inside the Tool Door



Transporting the Device

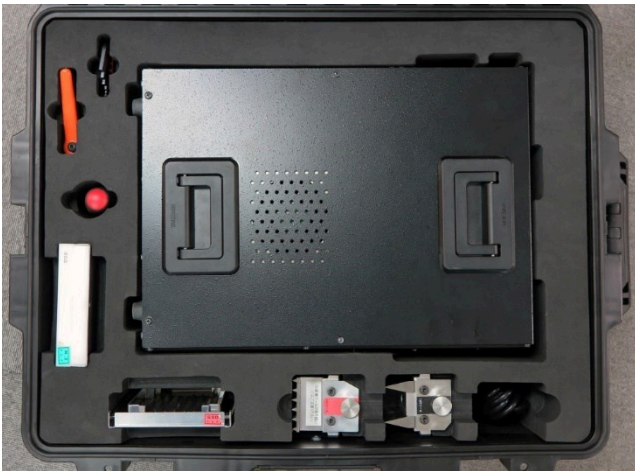
Open the Transport Case

The case is secured by four latches (two in the front and one on each side).

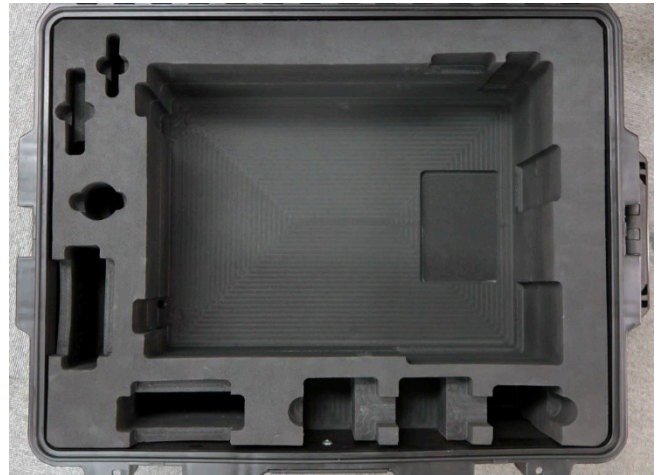
Open it while pinching the locking parts as shown in figure below.



Example:



Inside the case after storing the device and options.

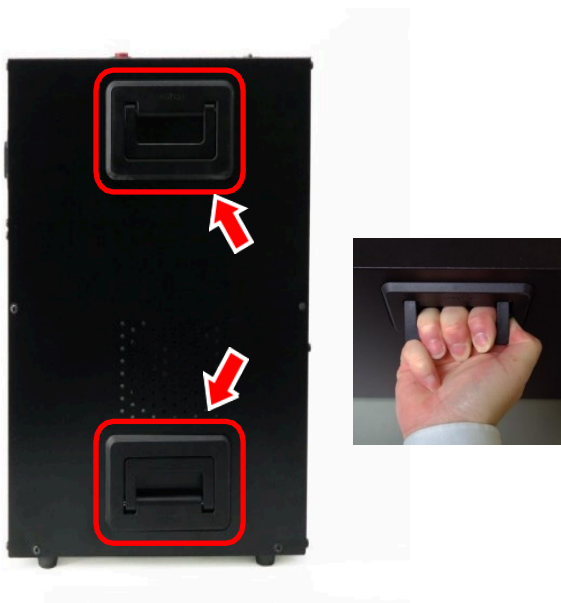


Inside the case before storing the device and options

Pull forward the handles stored on the left side of the main unit.

Since the device weighs approximately 18 kg, it is dangerous to lift it unsteadily, as you may lose your balance.

Grasp the handles firmly and lift the device slowly to avoid straining your back.



Destruction Procedure

Caution

Work in an environment where there is no metal or other debris

Step 1: Place the device on a stable workbench or floor capable of supporting at least 20 kg.

Step 2: Connect the power cord to the AC Power Inlet on the back of the device and plug it into an outlet.

Step 3: Make sure the Circuit Breaker switch is “ON”.

The Circuit Breaker protects the device from overcurrent. The switch surface should remain flat when the Circuit Breaker is in the ON position.



ON



OFF

Caution

If power is lost during operation while the Circuit Breaker remains in the “ON” position, the power supply unit may be malfunctioning. Please contact technical support.

Step 4: Turn on the power by flipping the Power Switch.



Step 4.



Step 2.

Step 3.

Step 5: Open the Work Door and Tool Door and then attach the Destruction Tool of the type corresponding to the storage media to be destroyed.



Note

Please refer to " Procedure for Attaching Destruction Tool" section for more details.

Step 6: Install the Tray corresponding to the storage media to be destroyed.

The required Tray and installation method depends on the type of storage media. Refer to the instructions provided for each Tray.

Back



Front



3.5-inch HDD



2.5-inch HDD



2.5-inch SSD



USB Memory Stick

Caution

The combined thickness of the Tray and storage media must not exceed 28 mm. Media thicker than this limit cannot be destroyed.

Step 7: Open the Work Door, insert the Tray fully, then close the Work Door.



Step 8: When the blue indicator light on the Operation Panel turns on and "Press START" appears on the screen, press the START button to start destruction.



Note

If the "DOOR OPEN" message appears on the screen, check to see if the Work Door or Tool Door is open.

Caution

Do not open doors during destruction.

Step 9: After about 8 seconds, the destruction is complete, and a buzzer sounds. When the words "Remove Tray" appear on the screen, open the Work Door and pull out the Tray to remove the storage media.

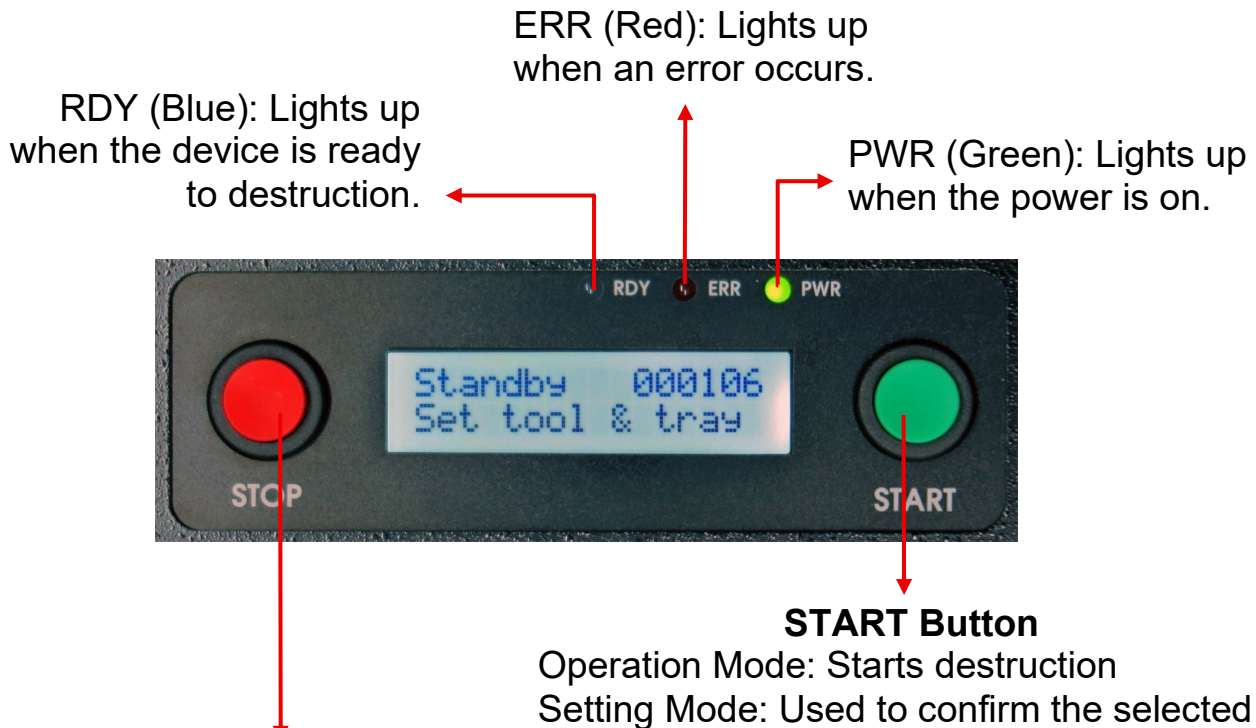
Caution

After destruction, some of the storage media may be pieces of metal or glass. Be careful not to injure your fingers by touching them when removing them from the Tray.
Wear thick protective gloves when handling destroyed media.

Step 10: To continue, place the next storage media on the

Tray and press **START**.

Operation Panel



STOP Button

Operation Mode: Interrupts or stops destruction.

Setting Mode: Used to select menu items.

** Press and hold for 7 seconds to switch between “Operation Mode” and “Setting Mode.”

LCD Screen

The upper part of the screen displays the status of the device and the job counter, and the lower part displays the device status or messages.

Note

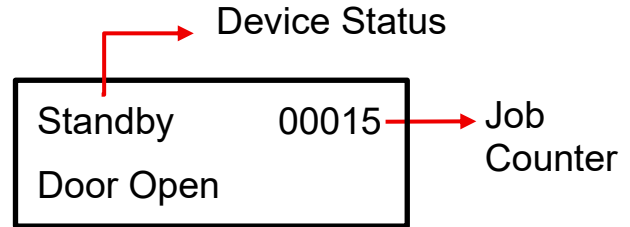
The device will not operate unless the Destruction Tool and Tray are correctly matched and installed.

If the Ready light (RDY) does not illuminate, verify the Tool and Tray combination on the display and install the correct components before operating.

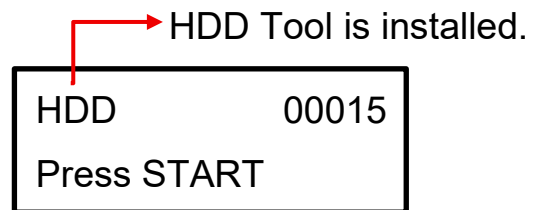
Operation Mode

- Example: During HDD Destruction Process

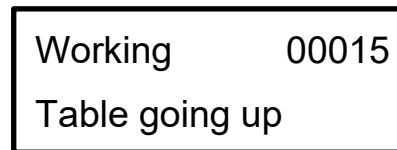
The door is open. Destruction will not start in this state. To start, close the Tool Door and Work Door.



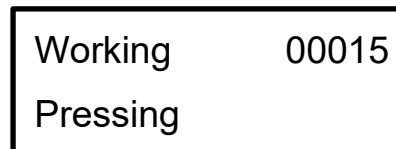
Door is closed and media is ready to be destroyed; press the **START** button to begin destruction.



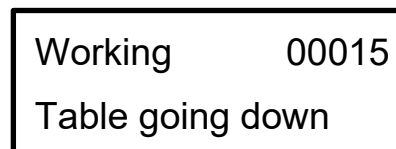
Destruction has started and the Lifting Table is rising.



The storage media is being pressurized and destroyed.



Pressurization has been completed and the table is descending.



Destruction is completed, the table position returns, and the media device can be removed.



● Messages and Error Code

Message	Explanation
Tray Mismatch	The installed Tool and Tray combination is incorrect. Install the correct matching set.
Set HDD Tool	The HDD Tray is installed, but the HDD Tool is not detected. Install the HDD Tool.
Tool Error	The Tool type cannot be identified. Reinstall the Tool. If the error persists, the Tool may be defective.
Set HDD tray	The HDD Tool is installed, but the HDD Tray is not detected. Install the HDD Tray.
No tool tray	Neither the Tool nor the Tray is installed.
Overheat detected	The internal temperature of the main unit has exceeded 60°C. Please check whether the fan is operating properly. Keep the power on and stop using the unit for 30 minutes. Resume operation after the internal temperature has cooled down.

Error Code	Explanation
ERR_01	The table cannot be raised. This may be caused by pump failure or oil leakage. Verify that the pump is operating properly. If the problem persists, contact technical support.
ERR_02	The table did not reach the upper limit position. The media may be too hard to destroy, preventing the table from reaching the specified position. If possible, remove any outer casing (e.g., hard metal covers on SSDs or USB devices) before destruction.
ERR_03	The table cannot be lowered. The media may be jammed between the Tool and Tray. Refer to the section “How to Clear Destruction Tool Jams” to remove the jammed media.
ERR_04	The table did not return to the lower limit position. Foreign objects or debris may be obstructing the table. Turn off the power and inspect the area around the table. If the issue cannot be resolved, contact technical support.

Setting Mode

Press and hold the **STOP** button for 7 seconds in “Operation Mode” to enter “Setting Mode.” Use the **STOP** button to navigate through menu items and press the **START** button to confirm your selection.

To return to “Operation Mode”, press and hold the **STOP** button again for 7 seconds.

1. Press Short/Long Change?	Selecting Short → Long increases the pressurization time by 2 seconds. Normally, Short is sufficient for standard destruction. If the device is not fully fractured due to material hardness or thickness, select Long .
2. Counter Display?	Displays the number of destruction operations by Tool type and by job. Press the START button on this screen to enter the submenu. Press the STOP button to navigate through submenu items.
2.1 JOB Counter XXXXXX	Records the number of destruction operations since the last reset. The count increases with each destruction. To reset: Press the START button. When “Reset?” appears, press and hold the START button for 3 seconds. Note: Turning off the power will not reset the JOB counter.
2.2 HDD Jcounter XXXXXX	Displays the number of destruction operations performed using the HDD Tool. This counter resets when the JOB counter is reset.
2.3 SSD Jcounter XXXXXX	Displays the number of destruction operations performed using the SSD Tool. This counter resets when the JOB counter is reset.
2.4 TAPE Jcounter XXXXXX	This function is not available.
2.5 M.2 Jcounter XXXXXX	Displays the number of destruction operations performed using the M.2 Tool. This counter resets when the JOB counter is reset.
2.6 Phone Jcounter XXXXXX	This function is not available.

2.7 SSD2 Jcounter XXXXXX	This function is not available.
2.8 OP1 Jcounter XXXXXX	This function is not available.
2.9 Total Counter XXXXXX	Displays the cumulative number of devices destroyed by all Tools since initial operation. The count increases with each destruction. The Total Counter cannot be reset.
2.10 HDD Tcounter XXXXXX	Displays the cumulative number of destruction operations performed using the HDD Tool.
2.11 SSD Tcounter XXXXXX	Displays the cumulative number of destruction operations performed using the SSD Tool.
2.12 TAPE Tcounter XXXXXX	This function is not available.
2.13 M.2 Tcounter XXXXXX	Displays the cumulative number of destruction operations performed using the M.2 Tool.
2.14 Phone Tcounter XXXXXX	This function is not available.
2.15 SSD2 Tcounter XXXXXX	This function is not available.
2.16 OP1 Tcounter XXXXXX	This function is not available.
2.17 Exit	Press the START button to return to “2. Counter”.
3. Device Status	Displays various operating statuses of the device. This information is used for troubleshooting. See the FAQ section for details.
4. Buzzer ON / OFF Change?	Press the START button to enable or disable the buzzer sound.
5. Language Japanese / English	The language displayed on the LCD screen can be switched between Japanese and English.
6. Ver. X.XX	Displays the firmware version of the device.
7. Firmware Up? USB Drive set?	This function is intended for maintenance use only and is not accessible to general users.

Counter Function and Job Counter Reset

This device is equipped with a counter function that records the number of completed destruction operations. Two types of counters are available:

- **Total Counter**

The Total Counter is displayed on the startup screen when the device is powered on. It indicates the total number of destruction operations performed by the device.

This counter cannot be reset. It reflects the overall usage of the device and may be referenced for warranty purposes.

- **Job Counter**

The Job Counter is displayed in the upper-right corner of the screen in Operation Mode. It counts destruction operations continuously. Counters for each Tool type can also be viewed in the “Counter” menu in Setting Mode.

This counter can be reset by the user at any time.

Note

The counter cannot be reset by Tool type.
Resetting the Job Counter will also reset all individual counters.

- **Resetting the Job Counter**

Follow the steps below to reset the Job Counter:

Step 1: Press and hold the **STOP** button on the Operation screen for 7 seconds to enter Setting Mode.

Step 2: Press the **STOP** button to select “2. Counter”, then press the **START** button to confirm.

Step 3: When “2.1 JOB Counter” appears, press the **START** button.

Step 4: When “Reset?” is displayed, press and hold the **START** button for 3 seconds.

Note

Press the STOP button to cancel the reset operation.
The display will return to the menu without resetting the counter.

Procedure for Attaching Destruction Tool

This section describes how to install the Destruction Tool.

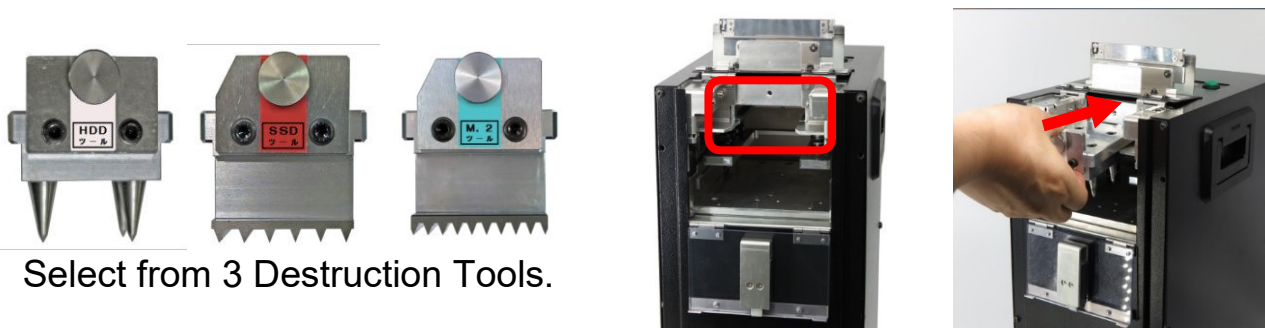
All Destruction Tools follow the same installation procedure.

Step 1: Open the Work Door.

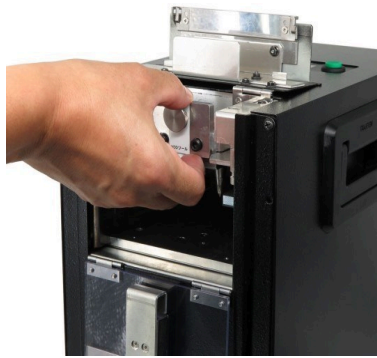
Step 2: Lift and open the upper Tool Door.



Step 3: Slide the guide bars of the Destruction Tool into the corresponding slots to insert.



Step 4: Insert the screw all the way and turn the hand screw clockwise to secure it in place. Tighten the screw firmly.



Step 5: Close the Tool Door on the top face of the device, followed by the Work Door.



Note

When attaching a different Destruction Tool, remove and install it according to Step 3 and Step 4.

Using the HDD Tool and Tray

The Punch Pins of the HDD Tool are designed to drill through the HDD housing (lid, aluminum die-cast case) and platters (magnetic recording disks), but the platter rotation axis and actuator are too hard to drill through. Therefore, it is necessary to check the position of the HDD platters beforehand and install them in the Tray in the correct orientation.

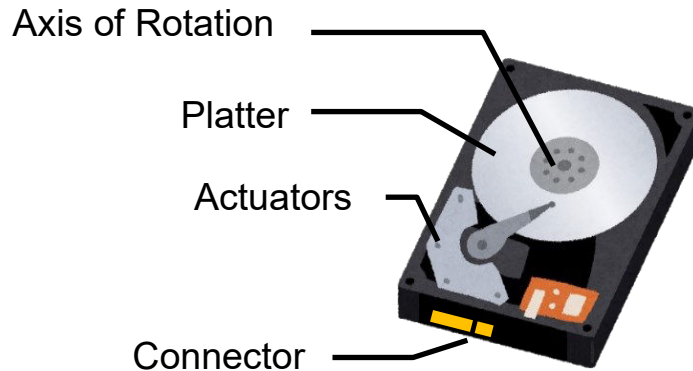
Caution

The HDD Tray should only be used for storage media such as hard disk drives (HDDs) and optical disks, it should not be used to destroy solid state drives (SSDs).

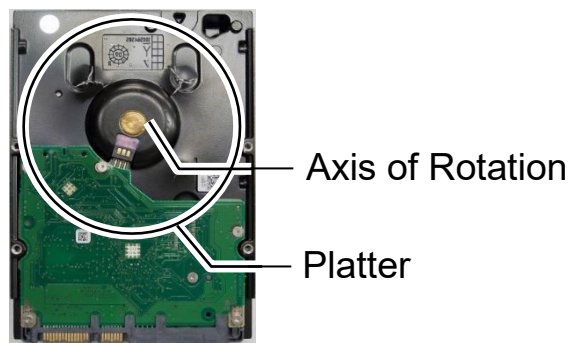
● How to Check Platter Position

Since the HDD platters themselves are covered by the exterior and cannot be directly checked, the position of the platters can be checked from the position of the rotation axis by turning the HDD over. In most cases, the platters are located on the opposite side of the HDD connector.

Internal image of HDD



Backside of HDD

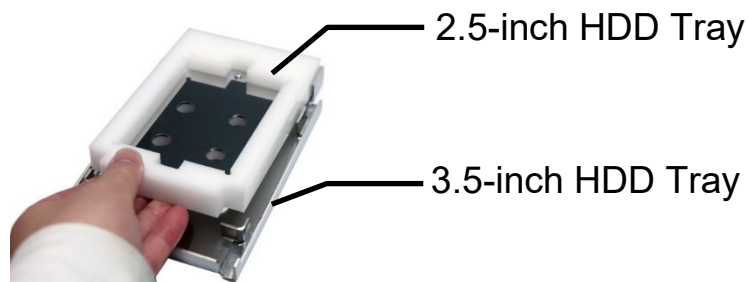


● HDD Installation Direction

Install the HDD so that the HDD platters (recording surface) are facing the front of the device.

	Correct	Incorrect
Back ↑ ↓ Front	3.5" HDD 2.5" HDD	3.5" HDD 2.5" HDD

The 2.5-inch HDD Tray is stacked on top of the 3.5-inch HDD Tray.



Caution

Destroying HDDs in the wrong orientation may cause the device failure.

● Checking the Destruction Result

After destruction, four holes (or two holes) should be visible on the HDD surface. Cracks, bulges, or corresponding holes on the opposite side indicate that the internal platter has been perforated.

If the holes are small or no cracks or bulges are observed, inspect the Punch Pins. Replace the Punch Pins if the tips are worn, dull, or chipped.



Caution

Some 10,000 rpm or higher HDDs may contain a vibration-damping metal plate beneath the label. This additional metal plate can make the drive more difficult to destroy using Punch Pins. If destruction is difficult because the metal plate overlaps the punching position, change the Tool configuration from four Punch Pins to two Punch Pins.

Using the SSD Tool and Tray

The SSD Destruction Tool is designed for destroying 2.5-inch SSDs.

If an SSD still has screws attached to the cover, or if it is a thick model (10 mm or more) with a hard cover or heat sink, the blades may chip or become damaged



Remove the screws from the 2.5-inch SSD.



Remove the heat sink from the 2.5-inch SSD.

Caution

- The SSD Destruction Tool must be used together with the designated SSD Tool and SSD Tray. Do not combine it with other Tools or rays.
- The SSD Tool and M.2 SSD are similar in shape but differ in length. The Tray used with the SSD Tool is 100 × 70 mm. If an incorrect Tray is installed, the LCD will display “Tray Mismatch” and the device will not start.

● Loading the Storage Media into the Tray

A 2.5-inch SSD is installed in the same lengthwise orientation as the SSD Tray. In addition, small storage media such as USB memory, SD cards, or CF cards can be placed freely for destruction. Refer to the installation method shown below:

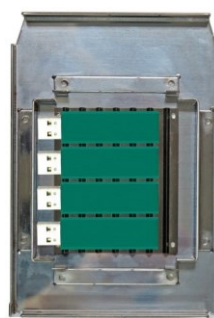
Back



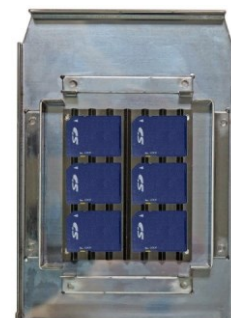
Front



2.5" SSD



USB Memory Stick
Recommend destroying
up to four pieces.



SD Card
Recommend destroying
up to six pieces.

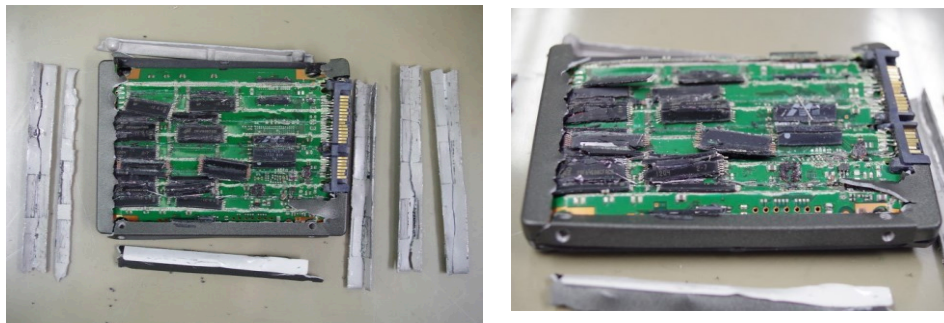
Note

Please place USB memory sticks perpendicular to the grooves of the Tray. The connector part is rigid and not part of the data storage, so please position it outside the blade frame of the Tray.

● Checking the Destruction Result

The PCB inside the SSD should be cracked, and the memory chips on the board should be broken. If the board cannot be seen due to the SSD cover, remove the cover for inspection.

If the SSD cover is metallic, thick, or hard, it may not be fully destroyed. In such cases, remove the cover and destroy the board directly.



Using the M.2 Tool and Tray

For SSD board types such as M.2 SSDs and mSATA SSDs, it is recommended to use Tools and Trays for M.2 SSDs, which can destroy chips more effectively. If there is housing, heat sink or fan installed on the SSD, remove them before destruction.



Remove the heat sink from the M.2 SSD.



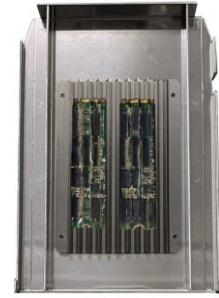
Remove the fan from the M.2 SSD.

Caution

- The M.2 Destruction Tool must be used together with the designated M.2 Tool and M.2 Tray. Do not combine it with other Tools or Trays.
- The M.2 Tool and SSD Tool are similar in shape but differ in length. The Tray used with the M.2 Tool is 110 × 70 mm. If an incorrect Tray is installed, the LCD will display “Tray Mismatch” and the device will not start.

- **Loading the Storage Media into the Tray**

Place the SSD onto the blade area on the Tray to make sure the chips are shredded completely. For long M.2 SSDs, place them vertically as shown in left:



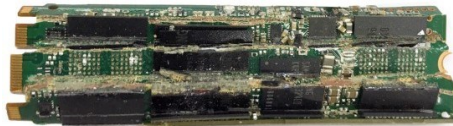
Note

M.2 SSDs shorter than 60mm (Type 2260 or smaller) can be placed horizontally as well.

- **Checking the Destruction Result**

The PCB of the M.2 device should be cracked, and the memory chips on the board should be damaged.

If both the PCB and memory chips are clearly broken, the destruction process is considered successful.



Destroy the Optical Disc

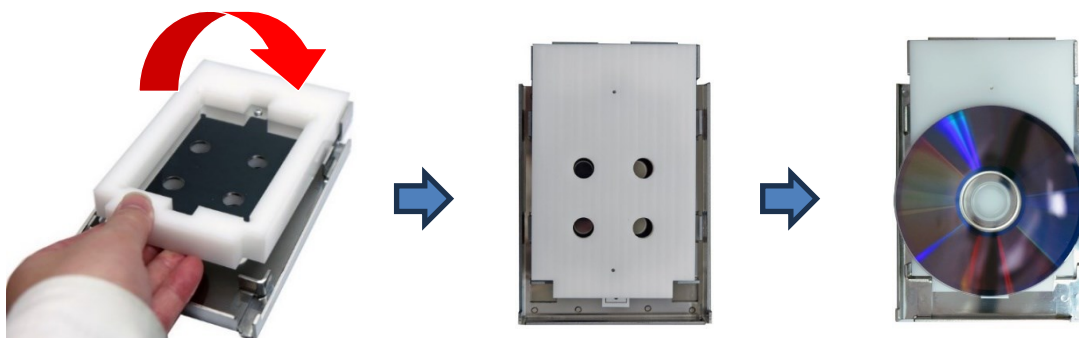
For the destruction of optical disks (CD, DVD, Blu-ray), a Destruction Tool for HDD, a 3.5-inch HDD Tray and a 2.5-inch HDD Tray are used.

When mounting the disk on the Tray, turn the 2.5-inch HDD Tray over as shown below.

Install the optical disc so that the center of the optical disc aligns with the center of the 4 holes on the Tray.

HDD Destruction Tool and Tray





Turn the 2.5-inch HDD Tray upside down. Then, place the optical discs.

Note

The number of optical disks that can be destroyed simultaneously is 5.

● Checking the Destruction Result

Example of 5 disks before and after destruction:



Before



After

How to Clear Destruction Tool Jams

During the destruction process, the storage media may become stuck in the Destruction Tool. Please use the following method to remove the storage media.

Caution

Turn off the power and disconnect the power cord before performing the following actions.

● Use a screwdriver

Insert the supplied screwdriver into the Jam Release Access Hole on the top surface of the main unit.

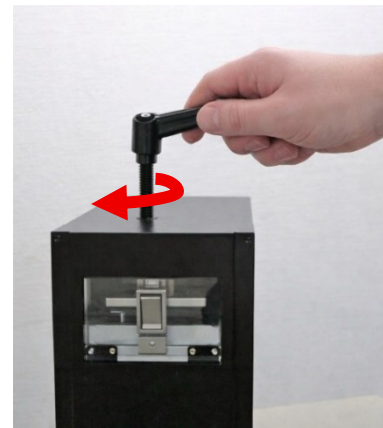
The tip of the screwdriver can be used to push the storage media in and release the jammed storage media.



- **Use a screwdriver with a hammer**
Strike the screwdriver from above with a hammer or other blunt object if the screwdriver cannot be removed simply by pushing it by hand.



- **Use a clamp lever**
The Jam Release Access Hole is threaded to accept the clamp lever. The storage media can be removed with light force by turning and screwing in the clamp lever.



How to Replace Punch Pin and Blade

The Punch Pins for the HDD Destruction Tool and the blades for the SSD and M.2 Destruction Tools are user-replaceable. Replace them when they reach their endurance limit or if the tips become chipped, broken, or worn.

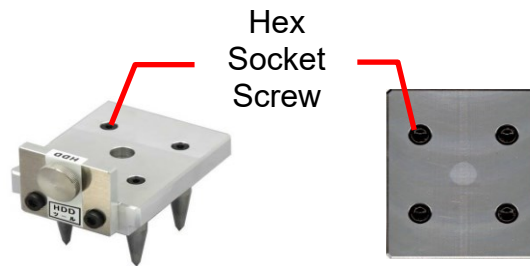
To replace them, loosen and remove the hex socket screws on the top of the Destruction Tool using a hex key.

Replacement Punch Pins and blades are available as optional items.

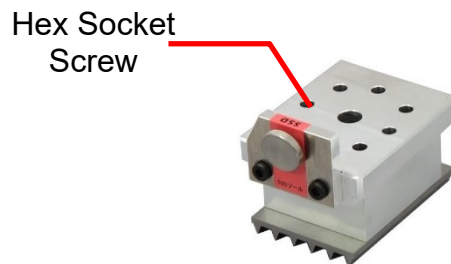


Hex Key Set

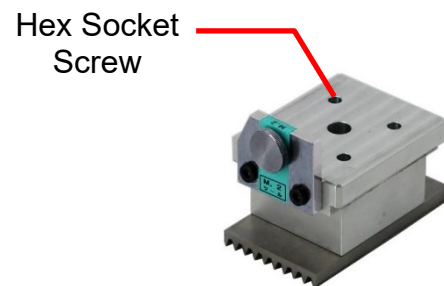
HDD Destruction Tool



SSD Destruction Tool



M.2 Destruction Tool



● Rules for Installing Punch Pins

- The number of pins that can be mounted is an even number of 2 or 4.
- If two pins are used, they should be mounted in diagonal positions.
- Never install 1 or 3 pins, or 2 pins on one side, as this will result in an unbalanced load and may damage the pin(s).

 Examples of Correct Installation	 Examples of Incorrect Installation
  2 Pins 4 Pins	   1 Pin 3 Pins 2 Pins

Note

For some 3.5-inch HDDs with a built-in metal plate, it is recommended to use the HDD Destruction Tool with two Punch Pins.

Caution

Incorrectly installed Punch Pins may cause device failure.

FAQ

- **Q1: The device doesn't power on.**

Please check the following:

- 1) Make sure the Circuit Breaker switch is "ON".
- 2) Check that the power cord is connected to the AC power inlet and plugged into an outlet.



- **Q2: Why does the Circuit Breaker activate?**

The Circuit Breaker is a safety mechanism. It protects the device from overcurrent. When a heavy load is applied, the protector activates and automatically shuts off the power. This may occur when destroying thick or hard media.

Power Recovery Procedure:

- 1) Press the "-" side of the Circuit Breaker switch while the door is closed.
- 2) Remove the destroyed object once the Lifting Table moves down to the bottom.
- 3) Keep the power on but wait for 30 minutes.
- 4) After the device cools down, you can resume the operation.

- **Q3: The ERR lights up and the screen shows "ERR_XX."**

Please refer to error code list on P.19.

- **Q4: The screen shows "Overheat detected."**

This message shows when the temperature of the device exceeds 60°C. Please stop using the device for about 30 minutes to cool down.

- **Q5: Why are some high-speed HDDs difficult to destroy, and how should they be handled?**

Some HDDs with rotation speeds of 10,000 rpm or higher include a vibration-damping metal plate beneath the label. This metal plate strengthens the drive structure and may make destruction more difficult. In some cases, the metal plate may also become stuck on the Punch Pins after destruction.

To avoid this issue, it is recommended to destroy the HDD with the bottom side (opposite the label side) facing upward. If it is necessary to take a photo of the destruction result showing the label side, the following methods can be used:



- For 2.5-inch HDDs:

Insert a metal plate (approximately 5 mm thick) between the 3.5-inch Tray and the 2.5-inch Tray so that the punch holes penetrate through to the label side.

Alternatively, adjust the Tray height by placing an unused 2.5-inch HDD at the bottom of the Tray.

- For 3.5-inch HDDs:

If the metal plate interferes with destruction, remove the metal plate first, then perform the normal punching destruction from the label side.

● Q6: What information does it includes in Setting Mode “3.2~3.13”?

3. Device Status	Displays various operating statuses of the device. Press the START button to enter the submenu. Press the STOP button to navigate through submenu items.
3.1 Temperature XX°C	Displays the internal temperature of the device. If the temperature exceeds 60°C, a warning message will be displayed.
3.2 Start P. sns ON / OFF	Indicates whether the Lifting Table is in the fully lowered position (origin).
3.3 Upper P. sns ON / OFF	Indicates whether the Lifting Table is in the fully raised position (upper limit).
3.4 Mid P. sns ON / OFF	Always shows ON.
3.5 Door sns ON / OFF	Indicates whether the Work Door (insertion slot for the item to be destroyed) is open or not.

3.6 Door (2) sns ON / OFF	Always shows ON.
3.7 Tool sns L1 ON / OFF	This is one of the sensors (first from the left) that determines the type of Tool. It switches ON and OFF depending on the type of Tool installed.
3.8 Tool sns L2 ON / OFF	This is one of the sensors (second from the left) that detects the type of Tool. It switches ON and OFF depending on the type of Tool installed.
3.9 Tool sns R1 ON / OFF	One of the sensors (first from the right) that detects the type of Tool. It switches ON and OFF depending on the type of Tool installed.
3.10 Tray sns L1 ON / OFF	This is one of the sensors (first from the left) that detects the type of Tray. It switches ON and OFF depending on the type of Tray installed.
3.11 Tray sns R1 ON / OFF	This is one of the sensors (first from the right) that detects the type of Tray. It switches ON and OFF depending on the type of Tray installed.
3.12 Tray sns R2 ON / OFF	This is one of the sensors (second from the right) that detects the type of Tray. It switches ON and OFF depending on the type of Tray installed.
3.13 Press sns ON / OFF	Always shows OFF because it is not used in this system.
3.14 Exit	Press the START button to return to "3. Device Status."

Specifications are subject to change without notice.