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Recuperación de Datos por Ingenieros



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Guide of the Hard Drive Platter Cleaner by RecuperoDatos.com

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Disclaimer

This guide is exclusively for Data Recovery professionals who have a Clean Camera and experience in repairing heads. Someone who is not a professional in the area should not use this tool.

This guide has been designed for the Data Recovery professionals in order to follow the correct use of the **Hard Drive Platter Cleaner**, and should not be taken as a training.

In order for the **Hard Drive Platter Cleaner** to work, the data recovery professional, who wishes to purchase the **Hard Drive Platter Cleaner** manufactured by **RecuperoDatos.com**, must have a Toshiba Model DT01ACA100, a system to remove the platters and a SATA power system (which are not included in this kit).

RecuperoDatos.com is not responsible for any damage caused by the use of our tools.
RecuperoDatos.com is not responsible for the data stored in any storage medium.



Introduction

The **Hard Drive Platter Cleaner** has been designed by RecuperoDatos.com to minimize the risk and improve the efficiency of the platter cleaning process.

It is possible to recover data without the use of the **Hard Drive Platter Cleaner**. In many cases, the known processes for cleaning hard disk platters are effective and sufficient. The general idea behind the **Hard Drive Platter Cleaner** is to make sure that the process of cleaning platter from a hard drive does not show any errors.

With the development of the **Hard Drive Platter Cleaner**, we are trying to remove the luck factor that, generally, escorts the data recovery process.

Advantages of the **Hard Drive Platter Cleaner**

1. You can turn the platter to the other side quite easily, without the risk of touching it. Also, the process of mounting the platter on the cleaner is really simple, so the risk of damaging the platter is minimized. In addition, the tool is compatible with the HddSurgery™ support tools in both its 2.5 'and 3.5' versions.
2. The **Hard Drive Platter Cleaner** can be made from two different materials: Duralumin or Plastic. The duralumin material has a very low weight and high strength. It can be easily cleaned in an ultrasonic tray. Also, is not magnetizable and corrosion free.
3. A Toshiba hard drive, model DT01ACA100, is used to spin the platter cleaner, which lowers the cost of the Cleaner.



Contents of the Hard Drive Platter Cleaner



The **Hard Drive Platter Cleaner** manufactured by RecuperoDatos.com, consists of 6 pieces (or parts) which we will call:

1. Part A of the 3.5 'Platters Container System
2. Part B of the 3.5 'Platters Container System
3. Part A of the 2.5 'Platters Container System
4. Part B of the 2.5 'Platters Container System
5. Axle Nut of the Platters Container System
6. Axle of the Platters Container System

We call the Platters Container System set to the tie-up between the Part A and Part B

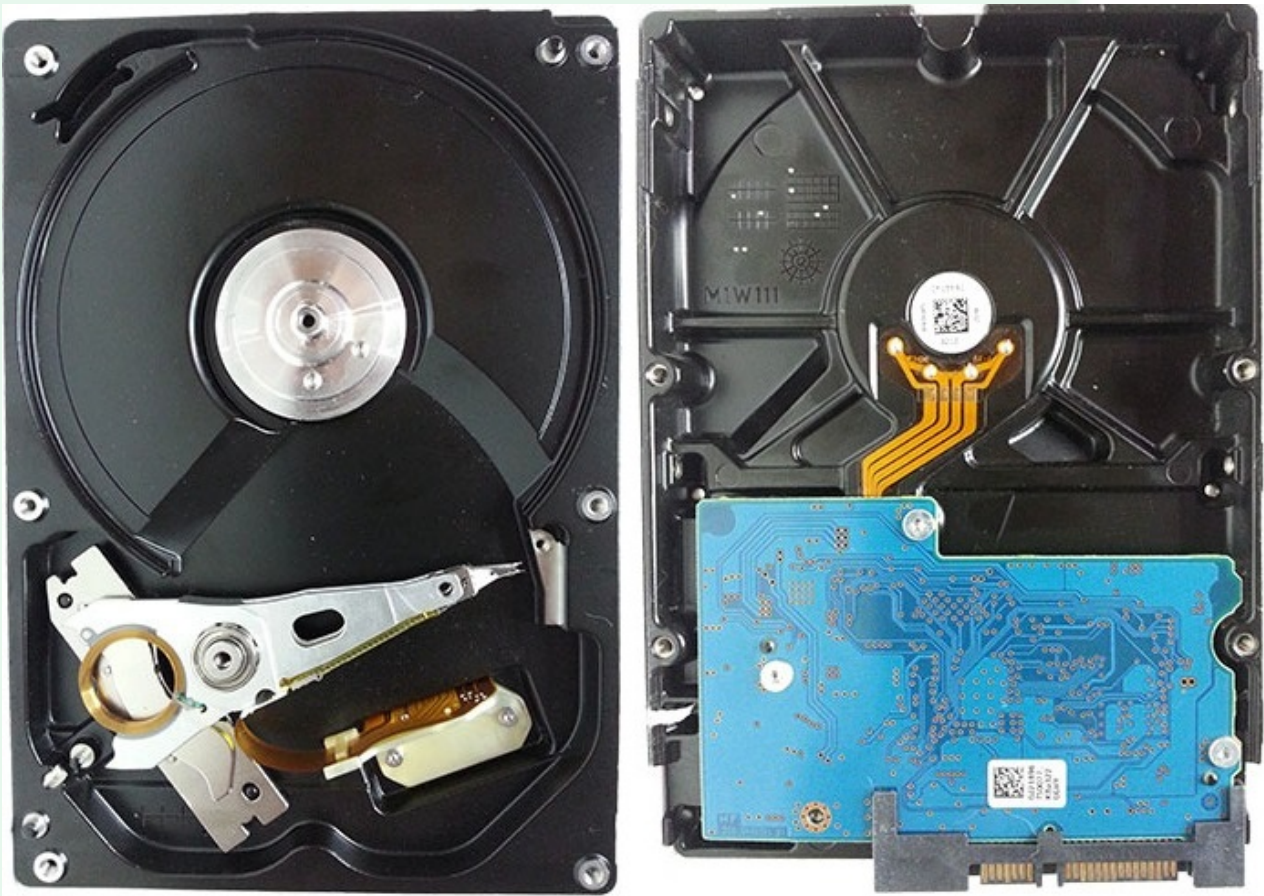
In order for the **Hard Drive Platter Cleaner** manufactured by RecuperoDatos.com to work, the purchaser of the kit must have a Toshiba Model DT01ACA100 hard drive, which is not available in this kit and is the one used as the "engine" of the system.

Installation Hard Drive Platter Cleaner



The steps are:

- 1) Disassemble the Toshiba model DT01ACA100, until it remains as shown in the image:



- 2) We place the Axis of the Platter Container System, on the Toshiba hard drive engine.





- 3) Place the screw of the motor shaft (the one that comes with the hard disk) inside the Axis of the Platter Container System.



- 4) Screw in the screw (not supplied in this kit) firmly onto the motor shaft (this prevents it from vibrating).



- 5) To protect the actuator, encircle the actuator part, as shown in the following image.





Using the Hard Drive Platter Cleaner

Next, we will describe the sequential steps to use the **Hard Drive Platter Cleaner**. These have been written by the RecuperoDatos.com team and are based on our experience gained during the development, design and test process. Therefore, as our experience increases, these may suffer modifications. These steps are identical for both disk sizes. Likewise, you can also see:

- The video of the HDD Platter Cleaner Use Guide by RecuperoDatos.com
<https://www.youtube.com/watch?v=PP3efkXKXjQ>
- The video of *Example of use of HDD Platter Cleaner* by RecuperoDatos.com
<https://www.youtube.com/watch?v=avUNUbi1dnQ>

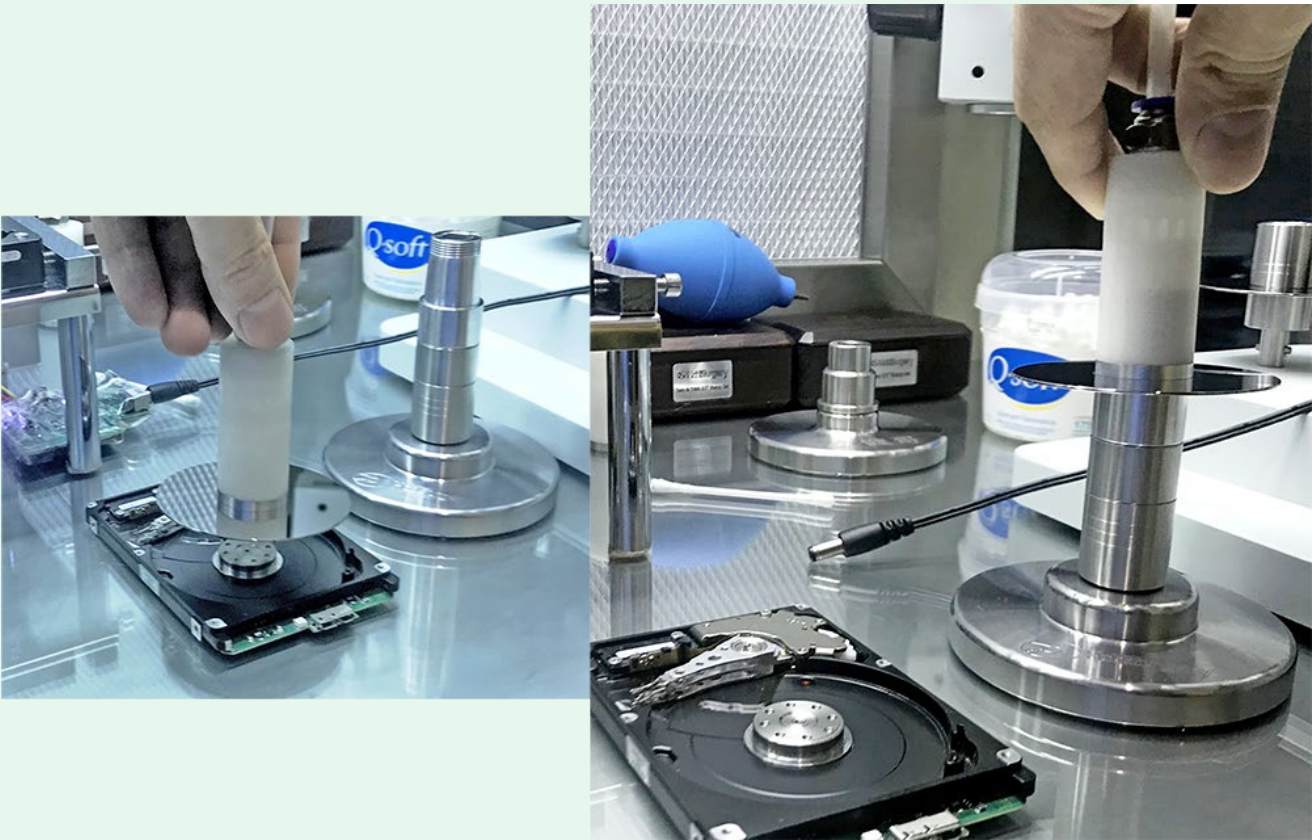
Steps for the use of the **Hard Drive Platter Cleaner**:

- 1) **Optional**, if you wish you can place Part B of the Platter Container System on the basis of HddSurgery™ Platter Stand since these have a chute that makes them compatible.





- 2) Remove the platter from the hard disk (with its platter extraction system - not supplied in this kit), and place it on Part B of the Platter Container System. If you do not have the HddSurgery™ Platter Stand, simply hold the Part B of the Platter Container System with your hand while placing the platter.

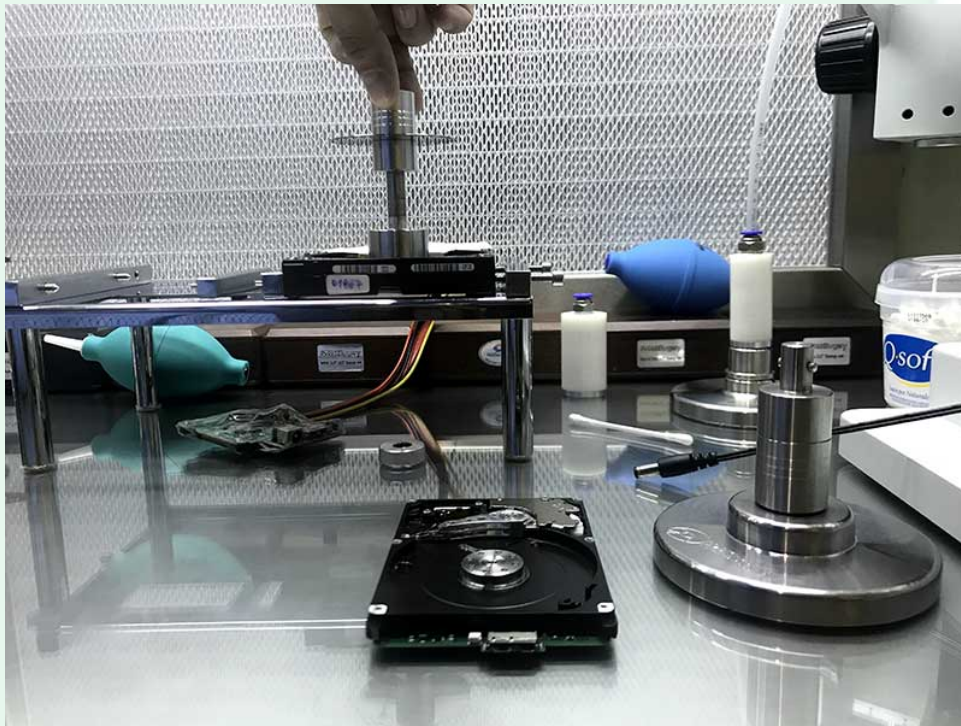


- 3) Screw in Part A of the Platter Container System to adjust the platter.

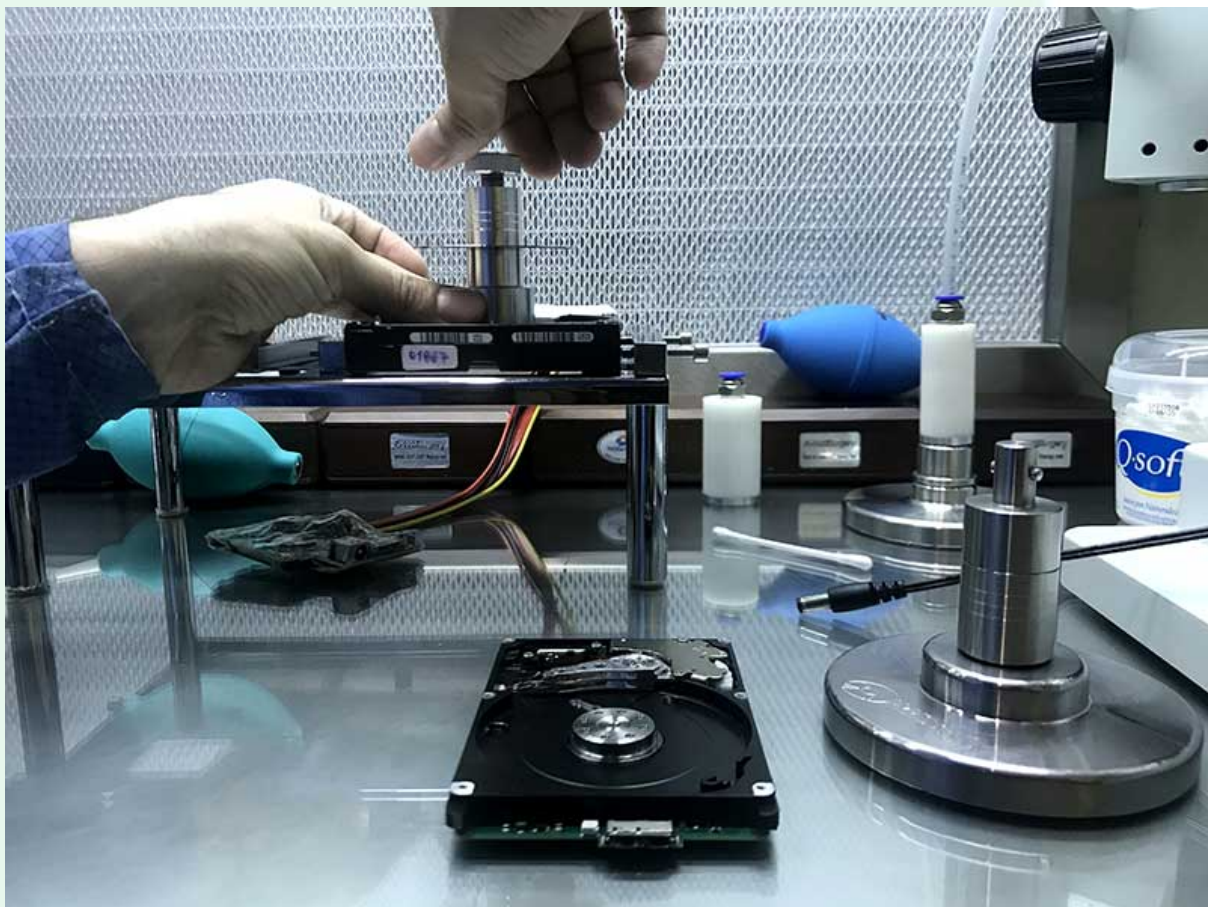




- 4) Place the Platters Container System on the Axis of the Platters Container System.

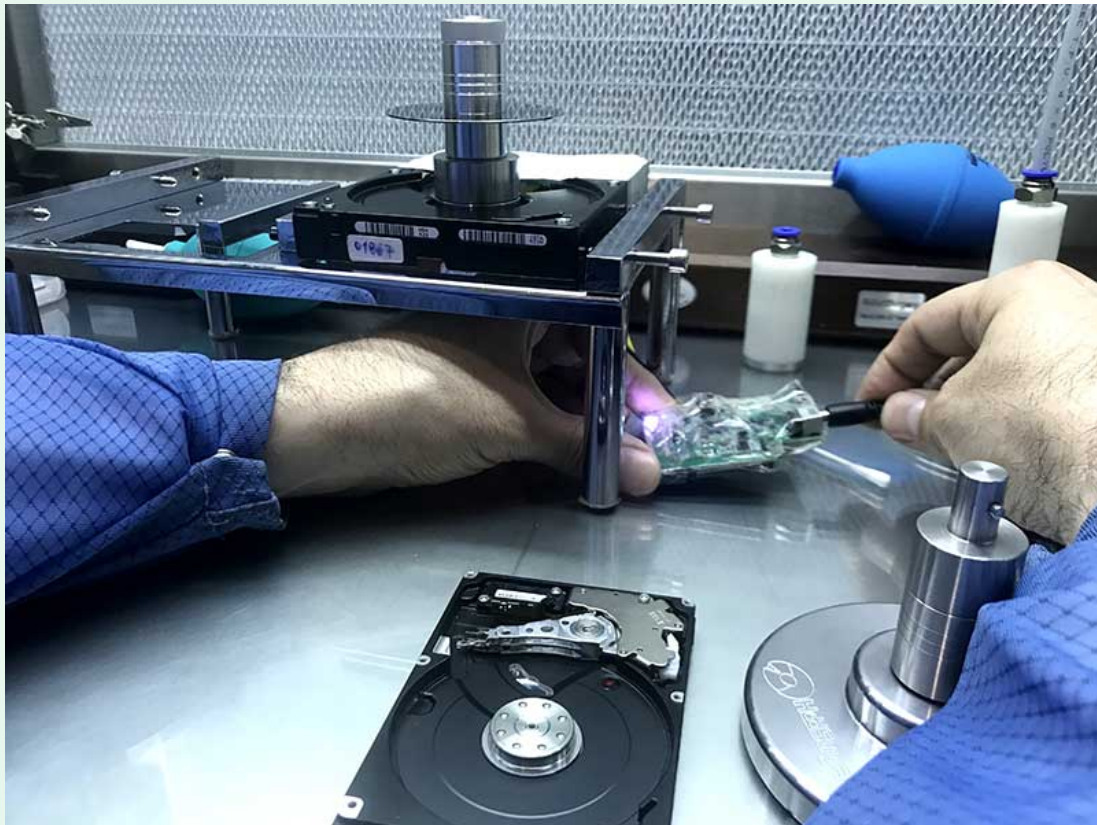


- 5) Screw the Axle Nut of the Platter Container System, to fix the container system of platters.

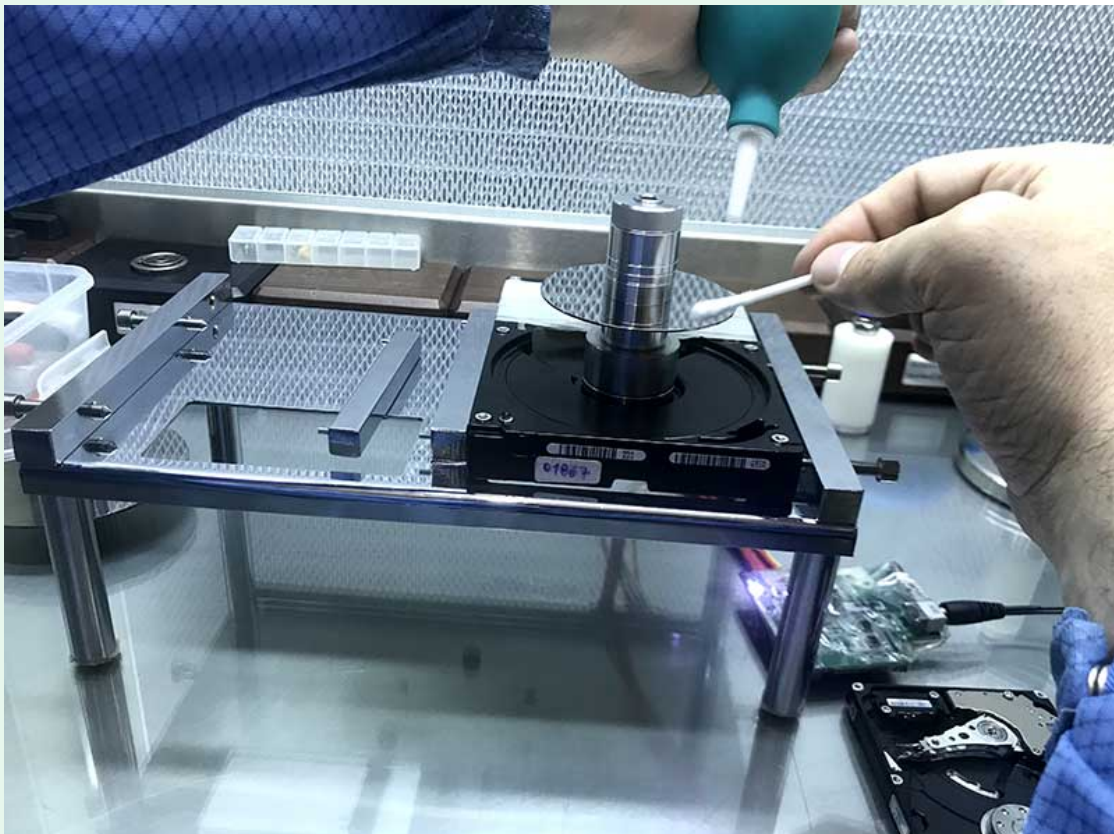




- 6) Start the disk in order to start rotating the **Hard Drive Platter Cleaner**. The SATA power system use to spin the engine, does not sell with this kit.



- 7) Clean the face of the platter with the cotton swab and the blower (the method of your choice).

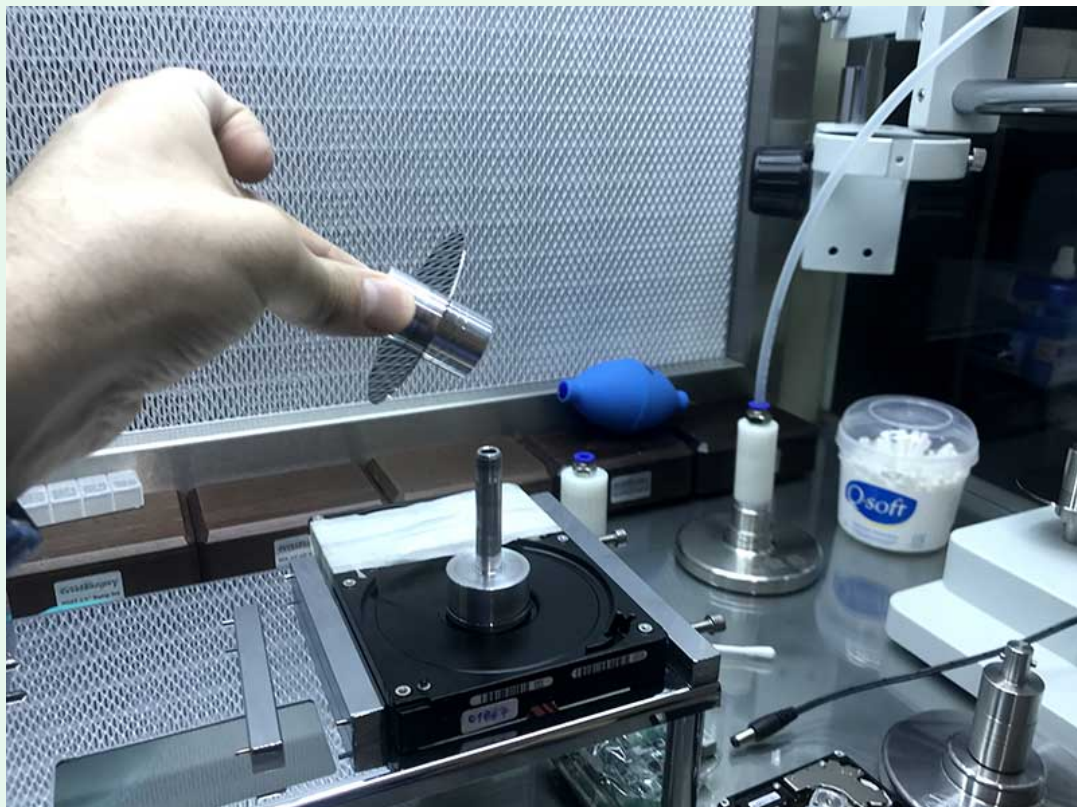




8) Unscrew the Axle Nut from the Platter Container System.

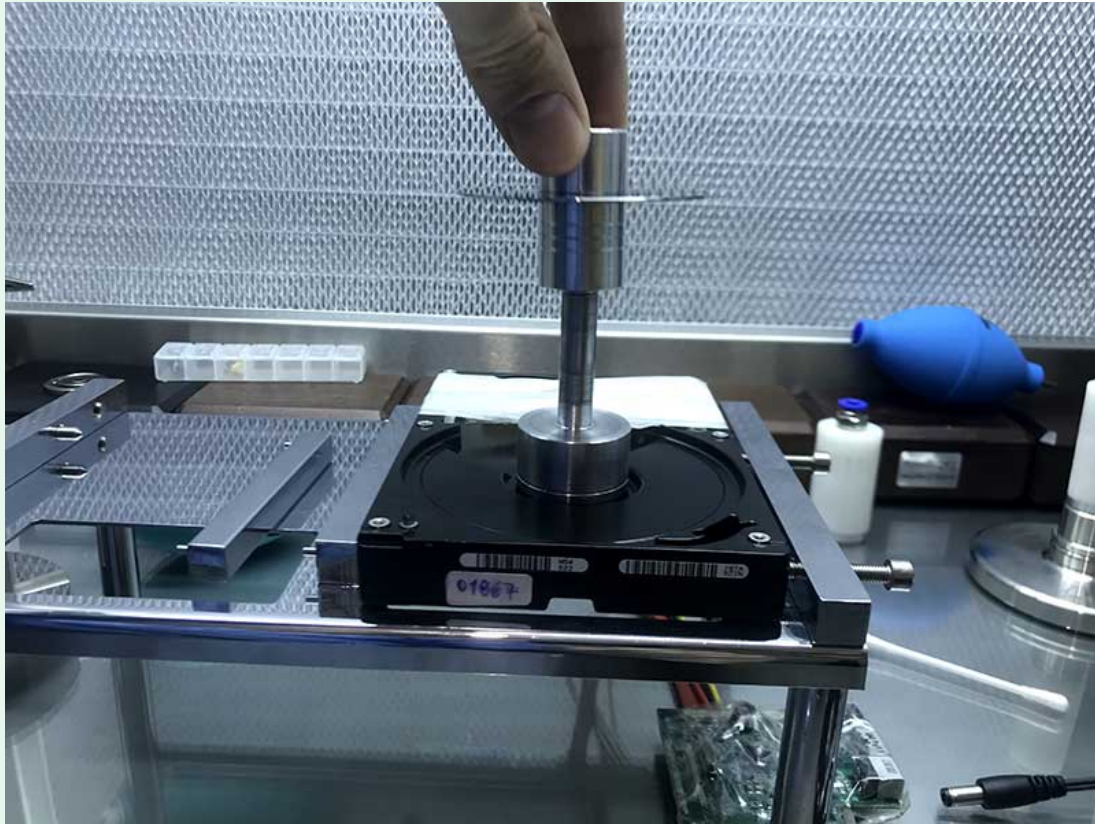


9) Turn around the Platter Container System (to clean the other side of the platter).

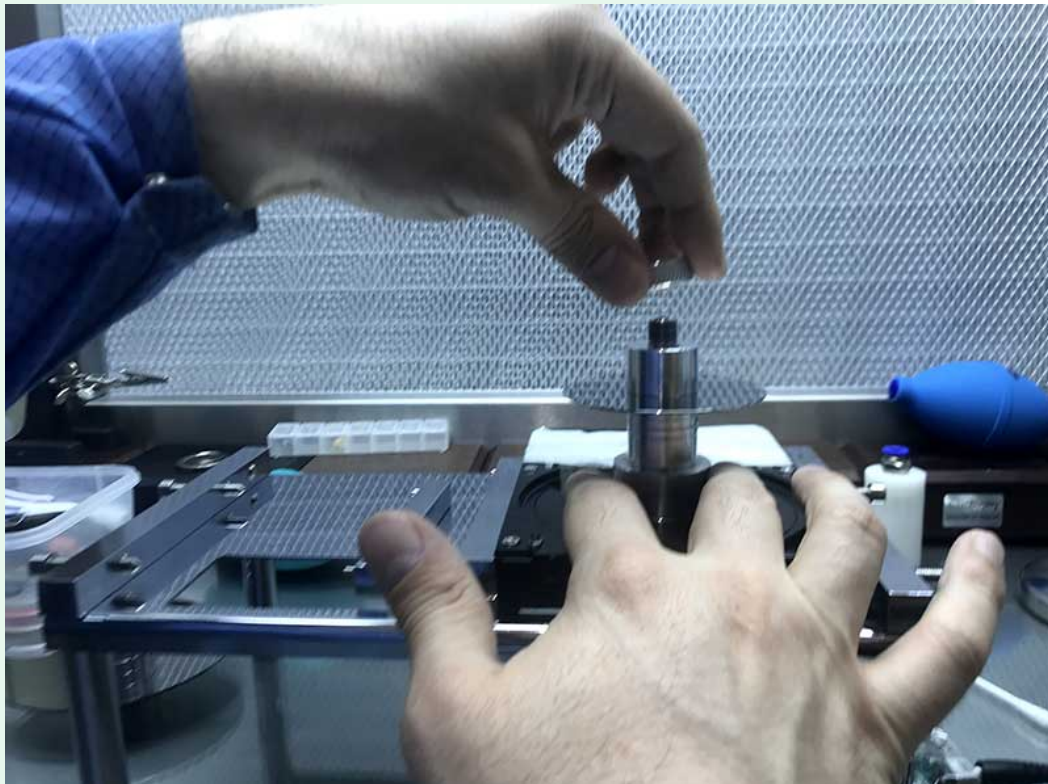




- 10) Place the Platter Container System on the Axis of the Platter Container System and replace the Axis Nut of the Platters Container System to adjust the Platters Container System and thus clean the other side of the platter.

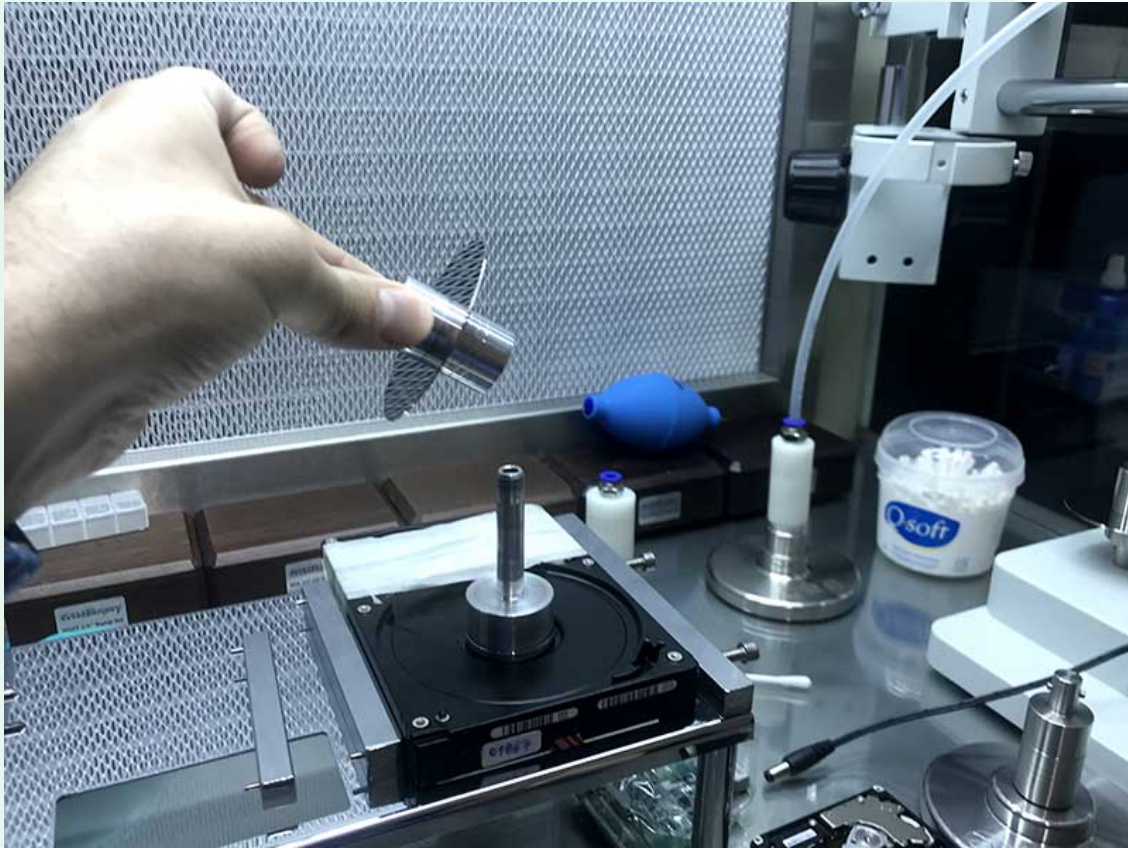


- 11) Once the platter has been cleaned, unscrew the Axle Nut from the Platter Container System.

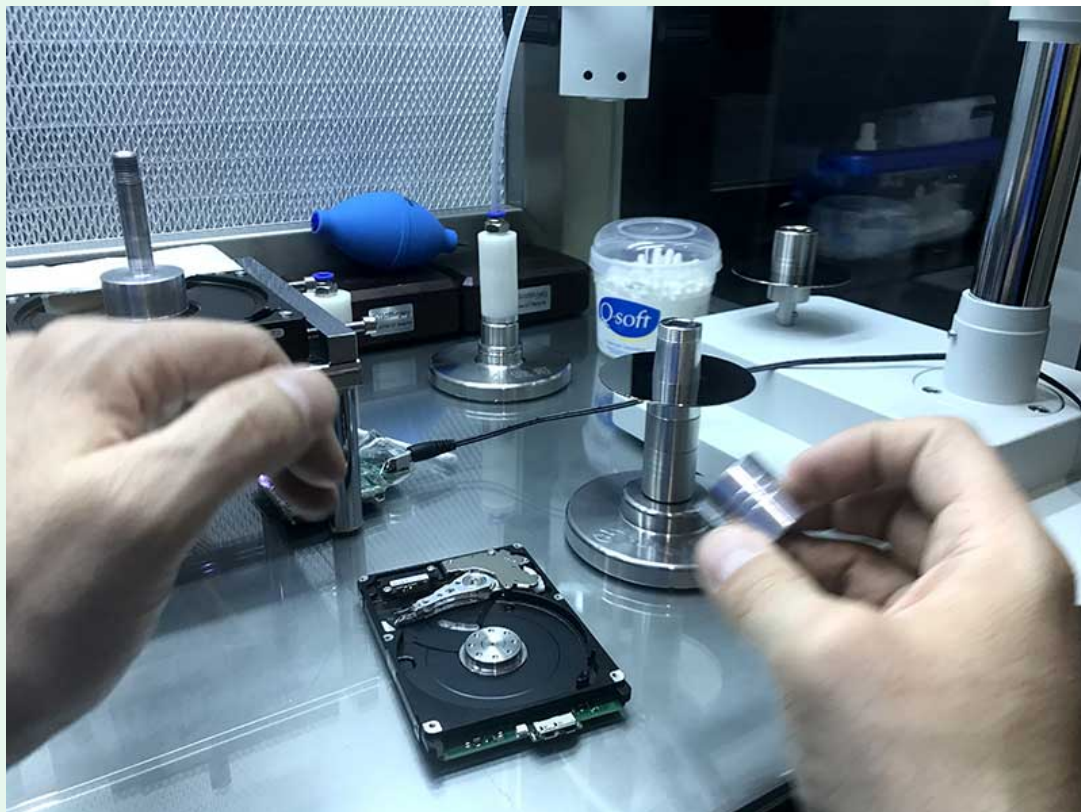




12) Remove the Container System from the Axis of the Platter Container System.



13) Unscrew Part A of the Platter Container System.





14) Place the clean platter back on the disk.





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