



intimus® 005S

intimus® *CRYPTO*
Optical Media Destruction

intimus[®] 005S

Security is essential.

CD, DVD and Blue-Ray Disks are most common to store information in a portable, cheap and easy way. This is advantageous to the user, but also critical to all kind of abuse when reaching the final end-of-life destination.

In 2007, worldwide 26 billion CDs were sold, with an average increase of roughly 10% per year. Most of these CDs are used as data storage and will be replaced after some time.

All this optical media (CD, DVD and Blue-Ray) can contain thousands of written documents, but also other confidential data like pictures and films, presentations, financial calculations or engineering data.

How can Optical Media be destroyed?

Unfortunately, destroying optical media is not as simple as you may think. To grant high security data destruction, scratching the surface or just breaking the medium does not match the needs. All disks with scratched surface or even broken disks can easily be restored. To grant high level data destruction it is essential to remove the whole information layer of the medium completely.



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Most common Destruction Methods are unsafe.

Typically remaining information after common destruction processes:

- dimpling or scratching: 85-90%
- strip-cut shredding: 60-85%
- cross-cut shredding: 35-65%
- disintegration: 10-40%

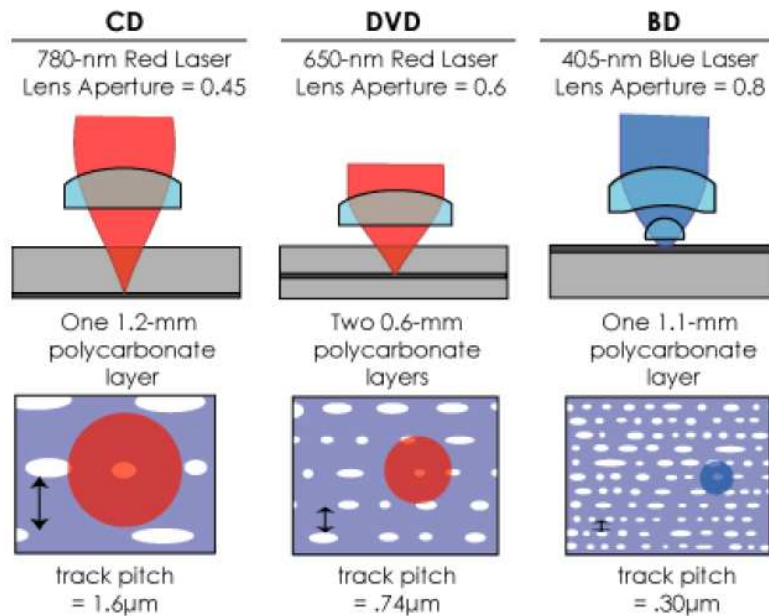
Regarding US guidelines for media sanitization (NIST 800-88) it is absolutely necessary to shred optical media to at least 25mm² with current destruction methods. Future data destruction devices need to reduce the surface down to 0.25mm².

Our Solution: intimus[®] 005S

The new intimus[®] 005S grinds all information layers beyond forensic recovery. While eliminating all data layers to dust the intimus[®] 005S grants highest data security for all kind of potential users. Due to this the US guidelines for media sanitization mention grinding as the only sufficient optical media destruction method.



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Optical Media Security by intimus[®]

Our Data Grinder intimus[®] 005S deploys the patented DATAgrind[®] technology that grinds the data layer to 250 microns – which is beyond forensic recovery. All data is eliminated completely and permanently. All particles are captured and sectioned by a built-in evacuating system, granting an office-friendly environment.

Processing of Optical Media:

CDs can be processed easily with the press of a button. The information layer is located directly below the artwork or printed label.

DVDs need to be split first as the data layer is located in the middle of the disk. This can be done easily by just using the enclosed DVD-splitter. The split disk can be processed like any CD.

Blue-Ray Disks need to be processed in two steps due to a special hardened surface. Unlike CDs the information layer is opposite to the artwork or label.

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Technical Data of intimus[®] 005S:

Power Supply:	230V/50Hz (others on request)
Grinding Depth:	250 microns
Operation time per CD:	18 seconds
Weight:	2.5 kg
Dimensions L x W x H:	255 x 232 x 110mm

Approved Security

The intimus[®] 005S will assist you in meeting compliance standards for government mandates requiring complete elimination of sensitive information stored on CD, DVD and Blue Ray as well as standard information protection:

Evaluated by NSA and meets the requirements of **NSA/CSS Specification 04-02** for Optical Media Destruction Devices.

Meets **NIST SP 800-88** standard for Optical Media Destruction



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Versatile:

- Suitable for CD, DVD and Blue-Ray Disks
- Included DVD-Splitter
- Only 2.5 kg – easy to transport

Easy to Use:

- Operates on any standard 1-phase wall outlet
- Simple one-button operation
- Fast, safe and complete erasure

Maximum Security:

- Grinds information layers to dust
- NSA approved security level
- Matching NIST SP guidelines 800-88

Environmentally Friendly:

- Processed disks can be recycled as Polycarbonate
- Low Power consumption – 65W
- Integrated evacuation system to collect dust





Quality Office and Graphics Products

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Professional Data Shredders



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Special Data Shredders

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High Security Data Shredders



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