



VS

SDD MASTER

**Maximum Security Hard Drive Degausser
with Data Destruction Auditor - Now with
self adhesive Degauss Details label**

FEATURES

- Listed in the NSA/CSS Evaluated Product List ✓
- Accepted by the UK National Cyber Security Centre (formally CESG) as meeting the highest level degaussing standard - Top Secret ✓
- Self calibrating on every cycle ✓
- Degausses 3 times, delivering 2 tesla each time ✓
- Effective on longitudinal & perpendicular HDD's, up to 5000 Oe and backup tapes up to 3000 Oe ✓
- Simple one step automatic operation ✓
- Continuous Duty ✓

Log Software printable reports show:

Processing Company ✓	Degausser Model & Serial No ✓
Media Owner ✓	Operator/Supervisor Name ✓
Degaussing Information ✓	Date / Time of erasure ✓

Our Promise:

- Two Year Warranty, extendable on request ✓
- Lifetime Technical Support ✓
- A trusted brand - Innovators and manufacturers of data destroyer solutions for over 30 years ✓



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INTRODUCTION

The **SDD Master** is a high energy, pulse discharge hard drive eraser, designed to offer complete and secure erasure of magnetic media to the highest level, including longitudinal and perpendicular recording hard drives. The **SDD Master** is also capable of erasing data storage media including; DLT, LTO, 8mm, DDS and more.

The Data Destruction Auditor records all operating and degaussing information which can be saved and printed, giving hard copy evidence of complete erasure for reporting and auditing purposes. Media erased is identified with an automatically printed self adhesive label with degaussed details, including media serial number.

The **SDD Master** generates the strongest erasure field of any degausser on the market - 20,000 gauss typ. The unique triple erase process ensures complete data destruction. Where security is of the utmost importance - users can quickly sanitize their Hard Drive without the need for disassembly.



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REGULATORY COMPLIANCE

The **SDD Master** has been tested and evaluated by the NSA - an agency of the US Government, which is responsible for protecting US Government communications and information systems. The NSA publishes guidance on the sanitization (erasure), declassification and release of storage devices for disposal or recycling in the "NSA CSS Policy Manual 9-12, NSA/CSS Storage Device Declassification Policy Manual". Within this, the NSA publish the EPL-Degausser (Evaluated Products List - Degausser) Which specifies the current degaussers that have been evaluated against and found to satisfy the requirements for erasure of magnetic storage devices that retain sensitive or classified data.

UK Government National Cyber Security Centre (Formally CESG) has approved the use of products listed on the NSA Degausser Evaluated Product List to degauss to the higher security level - Top Secret.

Many Government Agencies are required to manage their data security to detailed Government specifications, which would require them to buy an approved degausser. Safe and secure data disposal is critical within the military, which is why the Department of Defence (DoD) also adheres to the guidelines outlined in the NSA CSS Policy Manual 9-12 for the destruction of classified material. In addition, if an organization is involved in managing highly sensitive or confidential information, such as financial, medical, educational, personal and legal information, they must be vigilant in how they deal with the disposal of such information and the use of an approved degausser would be highly recommended.

Security of data is also a legal requirement under the UK's Data Protection Act 1998 and the European Data Protection Regulation

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File Help

MEDIA MANAGEMENT INFORMATION REPORT



Processing Company

Company Name	Operator	Supervisor	Degaussing on Site
Clean Recycling	Nick	Sue	Reading

Media Owner

Company Name	Department
Argone Bank	IT

Media Information

Type	Serial No.	Capacity	Part Number
HDD	wmaep2877837	250GB	wd2500jb-00fua0
Security Classification	Remarks		
LOW	ASAP		

Media Processed

Record	Date	Time	Media SN	Capacitor Voltage	Magnetic Field Gauss	Degaussed/Destroyed
9	26 Jul 2017	14:58:14	begam0xw	420	9687	Degaussed
8	26 Jul 2017	14:01:41	wmaje1054452	420	9687	Degaussed
7	26 Jul 2017	11:57:08	wma8h2954065	420	9687	Degaussed
6	26 Jul 2017	11:33:28	wcaatd680155	420	9687	Degaussed
5	26 Jul 2017	11:30:48	wcam92550933	420	9751	Degaussed
4	26 Jul 2017	11:28:23	wmaep2877837	420	9751	Degaussed

Label

Reprint

Test

Disable

Report

Print

Resume

Degausser/Crusher Details

Find Machine	Date	26 Jul 2017
Time	11:28:23	
Degausser/Crusher	Degausser	
Model	DataGauss	
Serial No.	1223992	
Firmware Version	3.8	
Cycles	74	

Mode

Erase

Crush

Erase & Crush

DESTROY

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OPERATION 1/2

The **SDD Master** is a table top mounted, chamber degausser, making operation safe, effective and simple for anyone.

Operators simply lift the Perspex lid, insert the media into the caddie, close the lid and press the "Start" button via the control panel. Media is transported into the degausser where the magnetic field is activated by a powerful pulse discharge.

While inside the degausser, media is automatically rotated and a further 2 magnetic discharges are applied, ensuring complete erasure. The entire process takes approximately **75 seconds**. The processor controlled **SDD Master** continuously monitors the operation, ensuring that the erasure cycle is completed. The operator is immediately alerted to and interruptions in the erasure cycle on the LCD control panel.

When erasure logging is required, simply connect the **SDD Master** to a PC or Laptop and then open the logging program. After clicking on the "Find Machine" button, all of the unit details are automatically entered into the log including; model, serial number and firmware version. Further data regarding operator, customer and media is then entered via keyboard or barcode scanner.

The hard drive or tape is placed into the tray as before, however, the operator can now click the "Destroy" button on the screen which starts the degaussing process remotely. The lower portion of the screen now shows all the details of the erasure including; Date, time, media serial number, capacitor voltage, magnetic gauss field and confirmation that the media was degaussed successfully.

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OPERATION 2/2

With an optional label printer selected, after the degauss cycle is complete, a label is printed which the operator can stick to the hard drive or tape confirming it has been erased. The label contains the serial number, date & time and confirmation of destruction as standard. Other fields can also be selected and added in the log software's "Supervisor Mode".

If this data is highlighted, all of the details on the screen, along with the data entered, can be printed out as a report when selecting the Print Button. As new media is erased, the details will be added to the Media Processed Log in the lower half of the screen. By highlighting erase records, the logs of one or more can be printed as required.

There is a "Supervisor Section" in the software, which is password protected. This allows the supervisor to decide which fields are required and which fields must be completed by the operator. The log record can be stored anywhere on the PC or Network to ensure it is backed up. It can also be archived at any time by exporting as a .CSV file.

NOTE: After degaussing, hard drives should not be reused, as they are stressed in the erasure process. Some backup tapes may not be reusable after degaussing due to the servo track being erased.

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SPECIFICATIONS

Media Handling:

Standard PC, Laptop and Server 3.5", 2.5" & 1.8" Hard Drives.
Longitudinal & perpendicular recording.

All drive interfaces; IDE, SATA and Fibre Channel.

All backup tapes including; DLT,2,3,4,5,6 & SDLT, LTO1,2,3,4,5,6,7 & 8
3480/3490/3490e,3590,9840,T9940 & T10000 tape.

Ultrium & Redwood SD-3 tape and cartridges.

Mammoth 1 & 2, 8mm, AIT1 & 2, M2 tapes, DDS 1,2,3,4 & 5, DD-2

Power Supply: 100-120 VAC, 208-240 VAC, 50/60Hz
(Please specify Voltage and Frequency when ordering)

Current Rating: 50Hz 5 Amps, 60Hz 9 Amps

Degaussing Force: 20,000 Gauss
Cycle Time: 75 Seconds typical



Dimensions (WxHxD): 35" x 26" x 24" (89cm x 67cm x 62cm)
Unit Weight: 328lbs (149kg)

Packed Dimensions

(WxHxD): 46" x 36" x 36" (118cm x 92cm x 92cm)

Packed Weight: 410lbs (186kg) (Packed in a wooden crate)

Throughput: 40 hard drives/cartridges per hour typical

Controls: On/Off Power switch. Start, Stop, Reset Button. Remote Control

Indicators: Liquid Crystal Display (LCD), Power, Normal, Fault

Operating Systems: Windows 10, 8, 7 & Vista (32-bit & 64-bit)
Windows XP (SP3 or higher - 32-bit only)

Connectivity: Bi Universal Serial Bus 2.0 full speed (USB)

Warranty: 24 Months back to base, all parts & labour included.
Extended warranties also available.

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WHO RECOMMENDS HARD DRIVE DEGAUSSING?

As part of their guidelines for sanitization of magnetic media, **degaussing** is recommended by:

- National Institute of Standards & Technology
- Department of Defence
- Government Security Organizations

The following **Government Mandates** require destruction of sensitive information stored on Hard Drives and Tapes before disposal:

- PCI DSS (Payment Card Industry Data Security Standard)
- PIPEDA (Personal Information Protection and Electronic Document Act)
- NIST (National Institute of Standards and Technology)
- Guidelines for Media Sanitization
- NIST SP 800-88 & NIST SP 800-36
- Gramm-Leach-Bliley Act (GLBA)
- HIPAA (Health Information Portability and Accountability Act)
- California SB-1386
- IRS-1075
- CJIS
- Bank Secrecy Act (BSA)
- GDPR (General Data Protection Regulation)

VS Security Products maintains a policy of continuous improvement and reserves the right to amend this specification without notice.

Tailored Transport Case:

For transporting the Degausser, or for safe storage when not in use, we have designed a case with convenient handle and wheels.



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