



SDD Master

Maximum Security Hard Drive Degausser



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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 perpendicular recording hard drives. The SDD-Master is also capable of erasing data storage media including DLT, LTO, 8mm, DDS and more.

Performance

The SDD Master generates the strongest erasure field of any degausser on the market. The SDD-Master delivers a minimum magnetic field of 17,750 **three times** to the media throughout the automatic operation. This ensures that the SDD Master remains unrivalled by any other degausser on the market. Where security is of the utmost importance, users can quickly sanitize their media without the need for disassembly.

Operation

The SDD Master is a tabletop mounted, chamber degausser, making operation safe, effective and simple for anyone. Operators simply lift the perspex lid, insert the

Features:

- NSA Approved, triple pulse degausser
- Complete erasure of hard drives
- Effective on Longitudinal & Perpendicular hard drives
- Simple, one-step automatic operation
- Processor controllers deliver failsafe erasure
- Continuous duty
- Remote control operation

media into the caddy, close the lid and press the 'Start' button via the control panel or the remote control.

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 two magnetic discharges are applied, ensuring complete erasure.

The entire process takes approximately 60 seconds. The processor controlled SDD Master continuously monitors the operation ensuring that the erasure cycle is completed. The operator is immediately alerted to any interruptions in the erasure cycle on the LCD control panel.

Who uses the SDD-Master?

- | | |
|--------------|------------|
| ▪ Government | ▪ Finance |
| ▪ Defense | ▪ Security |
| ▪ Military | ▪ IT |

Note: After degaussing, hard drives (and some cartridges) are not reusable.
The SDD-Master is manufactured by VS Security Products.



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Secure & Safe Operation

With safety in mind and to meet the latest **ICNIRP** Magnetic Exposure Guidelines, the SDD Master can be operated remotely via the remote control.

Who Recommends Hard Drive Degaussing?

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

- National Institute of Standards & Technology
- Department Of Defense
- GCHQ (British Government)

SPECIFICATIONS	
Media Handling:	2.5" & 3.5" hard drives [up to a physical max. of 4" x 1" x 5.8" (WxHxD)]. Longitude & perpendicular (Up to 3TB); DLT, S-DLT, LTO1, 2, 3 & 4; 3480/3490/3490e, 3590, 9840 & T9940 tape; Ultrium & Redwood SD-3 tape & cartridges; Mammoth 1 & 2, 8mm, AIT1 & 2, M2 tape; DDS 1, 2, 3, 4 & 5, DD-2 & DFT-1 & 2
Power Supply:	230V AC 50Hz 115V AC 60Hz
Current Rating:	50Hz 10 Amps, 60Hz 16 Amps
Degaussing Force:	22000 max gauss/17750 min gauss
Cycle Time:	60 seconds typical
Duty Cycle:	Continuous
Dimensions (WxHxD): (with lid shut)	24.4" x 26.5" x 34.8" 620mm x 672mm x 884mm
Weight:	328.5lbs (149kg)
Throughput:	40 hard drives/cartridges per hour typical
Controls:	On/Off Power switch Start - Stop - Reset push button Remote Control
Indicators:	Liquid Crystal Display (LCD) Power Normal Fault
Warranty:	12 months back to base, all parts & labor included Extended warranties also available



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Regulatory Compliance

The NSA is an agency of the US government which is responsible for protecting U.S. 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. **The SDD-Master has been tested and approved by the NSA.**

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 Defense (DOD) also adheres to the guidelines outlined out 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, education, 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 Directive**.