



SDD MASTER SECURE DATA DEGAUSSER



VS SECURITY PRODUCTS LTD

SDD MASTER
Secure Data degausser

OPERATING MANUAL
PRODUCTION STANDARD

ZZ201201 - 115v 60Hz
ZZ201202 - 230v 50Hz



WARNING

TO AVOID ELECTRIC SHOCK HAZARDS, THE COVER SHOULD ONLY BE REMOVED BY AUTHORISED PERSONNEL

SAFETY RECOMMENDATIONS

IT IS RECOMMENDED THAT PEOPLE WITH ANY FORM OF HEART PACE-MAKERS OR IMPLANTS ETC. AVOID CLOSE PROXIMITY TO ANY EQUIPMENT OF THIS TYPE WITHOUT FIRST SEEKING APPROPRIATE MEDICAL ADVICE.

CAUTION

IT IS RECOMMENDED THAT MAGNETIC STORAGE MEDIA IS KEPT AT LEAST 1 METRE (3 FEET) FROM THE DEGAUSSER

IMPORTANT

THE POWER ON/OFF SWITCH USED ON THIS EQUIPMENT IS NOT AN ISOLATING SWITCH. IT IS RECOMMENDED THAT THIS EQUIPMENT SHOULD BE OPERATED FROM A SEPARATE SWITCHED ISOLATOR.

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9. Updates

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This document refers to SDD Master part no's;

**ZZ201201 115v 60Hz
ZZ201202 230v 50Hz**

SECTION 1: SPECIFICATION

MEDIA HANDLING

Independent scientific testing confirms the SDD Master erases Longitudinal (LMR) & Perpendicular (PMR) hard disk media with a coercivity up to 5000 Oersted and magnetic tape media with a coercivity up to 2800 Oersted.

Media Includes: 2.5", 3.5" and 1.8" hard drives (up to a physical max of 4" x 1" x 5.8" (WxHxD) DLT, 2,3,4,5,6 & S-DLT, LT01,2,3,4,5,6 & 7, 3480/3490/3490e, 3590, 9840 & T9940 & T10000 tape, Ultrium & Redwood SD-3 tape & cartridges, Mammoth 1 & 2, 8mm, AIT1 & 2, M2 tape, DDS1, 2, 3, 4 & 5, DD-2

THROUGHPUT DUTY CYCLE CYCLE TIME

40 hard drives / cartridges per hour typical.
Continuous
75 seconds typical

OPERATING VOLTAGE

230v (50Hz) or 115v (60Hz) unit dependant

CURRENT

5 amps typical 230v 50Hz
9 amps typical 115v 60Hz

TEMPERATURE HUMIDITY MOUNTING

5°C (41°F) to 40°C (104°F)
10% to 80% non-condensing
Free standing table top

DIMENSIONS DIMENSIONS (PACKED)

24.41" x 26.46" x 34.8" (62cm x 67cm x 88cm)
36.22" x 36.22" x 46.46" (92cm x 92cm x 118cm)

WEIGHT PACKED WEIGHT

328.5 lbs (149kg)
410 lbs (186kg)

COMPATIBLE OPERATING SYSTEMS

Windows 11, Windows 10

CONNECTIVITY

Bi Universal serial Bus. 2.0 Full Speed (USB)



ENVIRONMENTAL PROTECTION

This product must not be disposed of with household waste. You are responsible for ensuring and financing all costs of collection, treatment, recovery and environmentally sound disposal of the goods in accordance with the WEEE directive.

Registered Producer Number: WEE/JB2622WS

VS Security Products reserves the right to amend or modify the specifications and design criteria applying to these products

SECTION 2: BOX CONTENTS

Carefully remove your VS Security Products SDD Master from its shipping crate. The top and one long side which are secured by bolts should be removed and the unit can then be removed from the crate. Please check that all parts are present. If there are missing or damaged parts contact *VS Security Products Ltd* or an authorised distributor immediately.

You should find the following:

- ⇒ SDD Master Degausser
- ⇒ Mains Power Lead
- ⇒ Small Media Adaptor
- ⇒ Manual & Warranty Card.
- ⇒ USB Cable
- ⇒ 2x Keys

- ⇒ Optional - Barcode Scanner (if ordered)
- ⇒ Optional - Label Printer (if ordered)
- ⇒ Optional - Label Rolls (If ordered)
- ⇒ Optional - Vs DD Imager (if ordered)

SECTION 3: HARDWARE INSTALLATION

Care should be taken when moving/handling the Degausser.

3.1 Power Wiring

Power connection is made to the degausser in the form of an IEC type electrical lead (supplied). The user should ensure that their power supply meets those outlined on page five.

SECTION 4: INTRODUCTION TO SDD MASTER

The SDD-Master generates one of the strongest erasure fields of any degausser on the market. Where security is of the utmost importance, users can quickly sanitise their media without the need for disassembly.

The SDD-Master is a bench 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 or the data logging system.

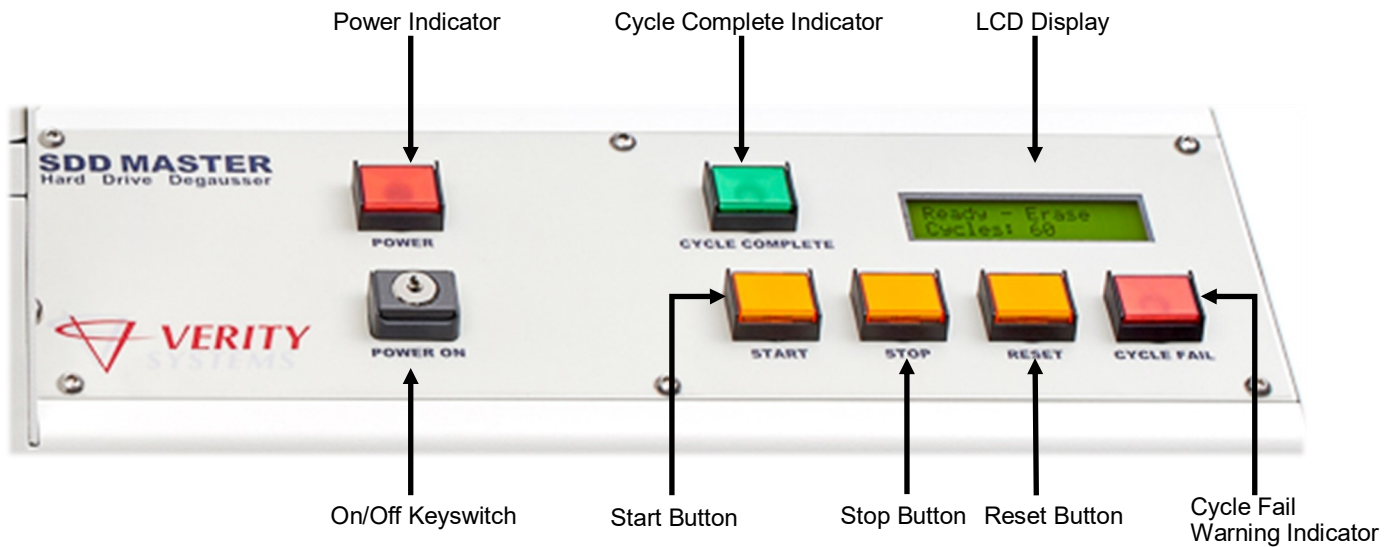
Media is transported into the degausser where the magnetic field is generated by a powerful pulse discharge. While inside the degausser, media is automatically rotated and a further two magnetic discharges are applied, ensuring complete erasure. The entire process takes just 80 seconds.

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. An adaptor is supplied for Degaussing small media such as 2.5", 1.8" hard drives and 4mm and 8mm cartridges.

The SDD Master also comes with the unique VS Security Products Data Logging Software which allows the operator to record all the details of the media being erased, the owner of the media, and details of the degausser and most importantly confirmation the media has been erased.

SECTION 5: CONTROLS

5.1 Control Panel



5.2 Using the Control Panel

The SDD-Master degausser has been carefully engineered for convenience and simplicity of operation. The unit has a number of unique features which are outlined below.

5.3 On/Off Keyswitch

The On/Off Keyswitch is used to power on and power off the SDD-Master Degausser. The key used in the switch is unique to your machine so should be kept safe. If the key is lost, please contact your nearest support department to order a replacement key.

5.4 Power Indicator

Once the unit is powered on, the power indicator will illuminate. This will extinguish when the unit is powered off.

5.5 Start Button

Once you have placed media in the unit, the start button is used to begin the Degauss cycle. The LCD panel will display the progress of the cycle, and its completion is confirmed by the green cycle complete indicator.

5.6 Stop Button, Reset Button and Warning Indicator

Should you need to stop the degauss cycle the unit is fitted with a stop button. The reset button is used to reset the unit after any user intervention or cycle fail. The cycle fail red indicator will illuminate should the unit detect any problem during the degauss cycle. The user should reset the unit and re-attempt the degauss cycle if this occurs. If the cycle fail indicator lamp continually illuminates indicating repeat failure, you should contact your nearest VS Security Products support department for further assistance.

SECTION 6: OPERATION GUIDE

The SDD Master can be operated with or without the Erasure Logging as the customer wishes.

6.1 Operation without Erasure Logging

1. Connect the unit to the power supply
2. Activate the power keyswitch, and then press the red power button
3. Once the unit is ready, open the media caddy cover, and insert the media to be erased into the caddy
4. Close the cover over the media enclosure, and when you are ready, press the start button. The caddy will automatically proceed into the degausser so that it is perfectly positioned in the magnetic field for erasure. The caddy will automatically rotate between pulses to ensure complete and even erasure.
5. Once the degauss cycle is complete, the caddy will emerge from the body of the unit and park in its start position. The green indicator lamp will illuminate. It is now safe to raise the lid and remove the degaussed media.



HDD inserted into caddy ready for erasure



Media caddy cover in its closed position

6.2 Degaussing Small Media

To degauss small media such as 2.5", 1.8" Hard Drives, 4mm and 8mm cartridges a Small Media Adaptor is supplied. The Adaptor ensures the small media is protected and does not become jammed inside the degausser and should always be used when small media are erased. Simply place the media inside the adaptor and then place the adaptor in the caddy as you would a hard drive in the normal way.

SECTION 7: DATA DESTRUCTION AUDITOR (DDA) ERASURE LOGGING SOFTWARE

When erasure logging is required, simply connect the degausser to a PC or laptop and open the Data Destruction Auditor program. This will log all the information related to the erasure and provide a printed report if required. The information logged includes details of the degaussing company (including the operator and supervisor), media owner, degausser machine type, serial number, part number and size of the Hard Drive or Tape.

For Setup of the Data Destruction Auditor see the separate (included) 'DDA Quick Start Guide'. For more information on erasure logging software see the 'DDA Full user Guide' available on the following web address <https://www.veritysystems.com/resources/product-manuals/>.

SECTION 8: DDA OPTIONS

The DDA software can also be used with the following accessories. More details on how to use these accessories with the DDA Software see the 'DDA Full user Guide' available on the following web address <https://www.veritysystems.com/resources/product-manuals/>.

8.1 Barcode Scanner

The barcode scanner accessory allows you to scan the serial and part numbers from media, allowing you to speed up the data entry process.

8.2 Label Printer

The Label printer accessory automatically print labels that can be stuck on the processed media giving details and confirming secure erasure.

8.3 Verity Systems DD Imager

The Verity Systems DD Imager seamlessly integrates with the Data Destruction Auditing software, facilitating the capture of high-definition images of media both before and after the erasure/destruction process.

SECTION 8: SAFETY RECOMMENDATIONS

It is recommended that people with any form of heart pace-makers or implants etc. avoid close proximity to any equipment of this type without first seeking appropriate medical advice.

Operators of the degausser should ensure they remove any wrist watches prior to using the unit, and that any credit cards or other magnetic devices are placed out of range.

SECTION 9: MAINTENANCE / SERVICING

9.1 Lamp Replacement

To prevent shock hazard, switch off the mains power before replacing lamps. Illuminated lenses on the indicators pull off for lamp replacement.

9.2 Resetting the circuit breaker

The SDD-Master Degasser is not equipped with any on-board fuses that require replacement. All the systems within the unit are protected by the circuit breaker which is located on the rear of the unit – this can be manually reset by the user. If the unit fails in any way, the user should verify the condition of the circuit breaker prior to contacting support.

The SDD-Master Degausser contains extremely high electrical voltages and currents. For safety reasons, VS Security Products does not recommend the covers be removed by anyone other than trained VS Security Products technicians.



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