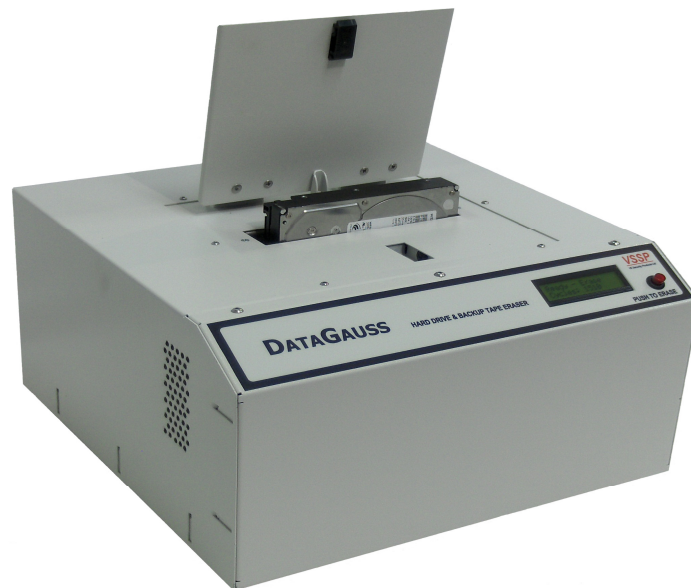




TECHNICAL MANUAL



**Operating and Maintenance
Instructions
for**

**DATAGAUSS
HARD DRIVE DEGAUSSER**

ZZ001207 / ZZ001208 / ZZ001209

VS SECURITY PRODUCTS LTD

DATAGAUSS
Hard drive degausser

OPERATING MANUAL

PRODUCTION STANDARD

ZZ001207 – 230V 50Hz
ZZ001208 – 115V 60Hz
ZZ001209 – 220V 60Hz



WARNING

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

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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VS SECURITY PRODUCTS LIMITED

17 Pegasus Court
North Lane
Aldershot
Hampshire GU12 4QP
UK

Tel: +44 (0) 1252 333577
Fax: +44 (0) 1252 333448
Email: sales@vssecurityproducts.com

VS AND ASSOCIATES

3160 Texas Hill Road
Placerville
CA 95667
USA

Tel: 530-626-6924
Fax: 530-626-6989
Email: ussales@vssecurityproducts.com

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**This document refers to DATAGAUSS degausser
Part No ZZ001207 240/220volts 50Hz
ZZ001208 115volts 60Hz
ZZ001209 220V 60Hz**

1. SPECIFICATION

MEDIA HANDLING

3½", 2½" & 1.8" hard drives. Longitude & perpendicular, DLT, S-DLT, LTO1, 2, 3, 4 & 5; 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

MEDIA COMPARTMENT

5.9" x 1.1" x 4.3" (150mm x 30mm x 110mm)

THROUGHPUT

70 hard drives / cartridges per hour typical.

DUTY CYCLE

100% (Dependant on ambient temperature)

CYCLE TIME

45 seconds typical

OPERATING VOLTAGE

230v (50Hz) / 115v (60Hz) or 220V (60Hz) unit dependant

CURRENT

2.5 amps typical 230 V 50 Hz
4 amps typical 115 V 60 Hz
2.5 amps typical 220 V 60 Hz

TEMPERATURE

5°C (41°F) to 40°C (104°F)

HUMIDITY

10% to 80% non-condensing

MOUNTING

Free standing table top

DIMENSIONS

13.9" x 9.2" x 14.3" (W x H x D)
35cm x 23cm x 36cm

DIMENSIONS (PACKED)

18.5" x 13.4" x 18.5" (W x H x D)
47cm x 34cm x 47cm

WEIGHT

46 lbs (21kg)

PACKED WEIGHT

50 lbs (23kg)



ENVIRONMENTAL PROTECTION

Waste electrical products should not be thrown away with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

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

2. INTRODUCTION TO THE DATAGAUSS DEGAUSSER

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

Performance

The DataGauss 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.

Operation

The DataGauss is a table top, chamber degausser, making operation safe, effective and simple for anyone. Operators simply slide the catch and the lid opens automatically. Place the media into the compartment and close the lid. The erase cycle is started by pressing the “erase” button on the control panel which activates the charging of the powerful degaussing magnetic field. When the display says the degauss cycle is complete the lid can be opened and the media removed. The entire process takes just 45 seconds.

Throughout the whole cycle the onboard processor monitors the erase procedure ensuring that it is completed correctly.

The operator is immediately alerted to any interruptions in the erasure cycle on the LCD control panel.

After degaussing hard drives should not be reused as they are stressed in the erasure process and parts can be damaged.

Backup tapes cannot be used after erasure as the control track may be erased in the degaussing process

3. INSTALLATION

Care should be taken when moving/handling the DataGauss.

3.1 Unpacking

The DataGauss is shipped inside a cardboard packing case.

Unpack the degausser carefully by disassembling the packing case and inspect it for signs of physical damage. If damage is apparent, a claim should be filed with the carrier immediately.

Once you have exposed the DataGauss degausser, you can carefully remove it from the packing box.

3.2 Power Wiring

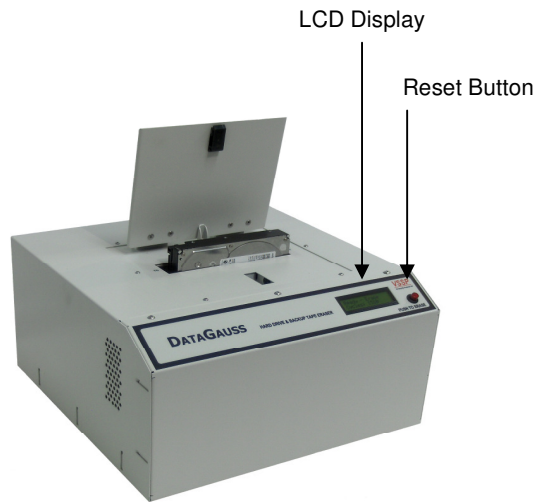
Power connection is made to the DATAGAUSS degausser in the form of a IEC type electrical lead (supplied). The user should ensure that their power supply meets those outlined on page four.

3 amps typical 230 V 50 Hz

5 amps typical 115 V 60 Hz

3 amps typical 220 V 60 Hz

4. CONTROL PANEL



5. USING THE CONTROL PANEL

The **DATAGAUSS** degausser has been carefully engineered for convenience and simplicity of operation. As such an LCD and push button are all that is required. The features provided are outlined above:

5.2 Power Indicator

The LCD is used as a power indicator and will illuminate whenever power is applied. The power switch is part of the IEC power connector module mounted on the rear of the unit.

5.3 Erase Button

Once you have placed media in the unit the degauss cycle is initiated by pressing the erase button. If the degauss cycle is interrupted for any reason the cycle will be terminated. After a few seconds the unit will automatically reset and allow a new cycle to be initiated. The user should then attempt a repeat erasure. The LCD panel will display the progress, completion of the cycle and total number of degauss cycles completed.

If the LCD repeatedly indicates a failure you should contact your nearest VS Security Products support department for further assistance.

6.0 OPERATION GUIDE

6.1 Operation

6.1.1 Erasure of Hard Drives and Large Backup tapes LTO, DLT, 3480 series.

1. Connect the unit to the power supply
2. Activate the power switch on the rear of the unit.
3. Once the unit is ready, gently slide the lid release lever rearwards and allow the lid to hinge up. Place the hard drive into the chamber, and latch down the lid.

NOTE; Hard drives are manufactured with the disc mounted at one end of the assembly, the hard drive must be placed in the cavity effectively on its edge. If this is not observed the lid will not latch down. Under no circumstances should excessive force be used to close the lid.

4. Once the lid is latched down the erase cycle is initiated by operation of the erase button. When the erase cycle is complete, as indicated on the display, the lid may be unlatched and the media removed.

6.1.2 Erasure of 2.5" & 1.8" Hard Drives and small media 4 and 4mm cassettes etc

1. To erase small hard drives 2.5" & 1.8" and also small media, 8mm cassettes etc, they should be placed in the Small Media Carrier supplied with your DataGauss.
2. Connect the unit to the power supply
3. Once the unit is ready, gently slide the lid release lever rearwards and allow the lid to hinge up. Place the carrier into the cavity and latch down the lid.
4. Once the lid is latched down the erase cycle is initiated by operation of the erase button. When the erase cycle is complete, as indicated on the display, the lid may be unlatched and the carrier removed

7. 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 DataGauss 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.

8.0 MAINTENANCE / SERVICING

8.1 Resetting the circuit breaker

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

VS SECURITY PRODUCTS LIMITED
17 Pegasus Court
North Lane
Aldershot
Hampshire GU12 4QP
UK

Tel: +44 (0) 1252 333577
Fax: +44 (0) 1252 333448
Email: sales@vssecurityproducts.com

VS AND ASSOCIATES
3160 Texas Hill Road
Placerville
CA 95667
USA

Tel: 530-626-6924
Fax: 530-626-6989
Email: ussales@vssecurityproducts.com