



SV90 DEGAUSSER



VS SECURITY PRODUCTS LTD

SV90 Bulk Tape Degausser

OPERATING MANUAL

PRODUCTION STANDARD

ZZ009013



WARNING

THIS UNIT EMITS A STRONG MAGNETIC FIELD. REMOVE WRIST WATCHES BEFORE USE. PERSONNEL FITTED WITH A CARDIAC PACEMAKER SHOULD NOT STAND WITHIN 2 METRES OF THE UNIT. OPERATING PERIODS IN EXCESS OF SPECIFIED DURATION WILL RESULT IN EXTERIOR SURFACES BECOMING VERY HOT.

TO HELP MINIMISE THE POSSIBILITY OF ELECTRICAL SHOCK HAZARDS UNDER NO CIRCUMSTANCES SHOULD ANY PANELS BE REMOVED.

CAUTION

IT IS RECOMMENDED THAT MAGNETIC STORAGE MEDIA IS KEPT AT LEAST 2 METRES (6 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 WHICH SHOULD BE LOCATED CLOSE TO THE UNIT AND WITHIN REACH OF THE OPERATOR.

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This document refers to SV90 Degausser part no;

ZZ009013

SECTION 1: SPECIFICATION

ERASE CYCLE TIME	60 seconds typical
THROUGHPUT	50 Reels per hour, typical 100-200 Cassettes per hour, typical (Dependant on Cassette)
OPERATION VOLTAGE CURRENT	208v 60Hz 15 amps typical
MOUNTING	Free standing table top
DIMENSIONS	Height: 285mm Width: 520mm Depth: 689mm
WEIGHT	35KG



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: GENERAL

The VS Security Products Automatic SV90 Bulk Tape Degausser operates from a 208v 60Hz power supply. The SV90 can erase 50 tape reels per hour or with the appropriate cassette carriage either 100 or 200 cassettes per hour. (Dependant on cassette type as some carriages holds 2 cassettes and some 4 cassettes)

SECTION 3: INSTALLATION

Care should be taken when moving/handling the Degausser.

3.1 Unpacking

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

3.2 Power Requirements

Power connection is made to the SV90 via the heavy duty flying cable at the rear of the unit. The power circuit to the degausser should be rated in accordance with the national and local electric codes. The SV90 operates from specific supplies. Check for compatibility.



CAUTION: A GOOD ELECTRICAL GROUND MUST BE CONNECTED TO THE DEGAUSSER. THE UNIT MUST BE CONNECTED TO THE CORRECT POWER SUPPLY. FAILURE TO DO SO MAY RESULT IN PERMANENT DAMAGE.

Lead Colour	Ident	Connection
Brown	Hot	208v
Blue	Hot	0v
Green/Yellow	Cold/Ground	Ground/Earth

NOTE: The degaussing coils are powered as part of a tuned resonant circuit. This allows quite high circulating currents to be generated within the degaussing coils, with minimal current consumption from the mains voltage supply. However, this technique requires that the waveform of the supply voltage contains minimal harmonic distortion. A distorted waveform will result in an increase in current consumption.

The typical current consumption figures provided in this manual are when powered from a supply with minimal distortion. Any increase in current consumption due to a distorted waveform will have minimal effect on the degausser performance, however, excessive current consumption should be avoided for obvious reasons. In the event of unexplained high currents, please consult your supplier.

SECTION 4: OPERATION

Connect the equipment to the mains supply. A Fan is provided for forced air cooling. It is thermally controlled and therefore switches on and off as required.

4.1 To Erase Tape on Reels

To operate the degausser, open the drawer by pulling up on the latch and remove the reel hub clamp by rotating it anticlockwise. Place the reel onto the turntable and replace and tighten the reel clamp by rotating it clockwise. Close the drawer and push it firmly shut. Press the red power button which will latch in and illuminate, then press the Degauss button and hold for approximately one second. The button will illuminate and the degauss sequence will commence. When the tape is fully degaussed the degauss light will extinguish and the drawer may be opened and the reel removed. Further reels may be degaussed by simply repeating the sequence. At the completion of degaussing, switch off the equipment by pressing the red power button to unlatch it. If at any time during the erasure cycle the drawer becomes unlatched, a fail safe mechanism will automatically inhibit the cycle. If this occurs simply re-latch the drawer and press the degauss button to restart the cycle.

4.2 To Erase Cassettes and Cartridges

With the addition of specific cassette carriers a wide range of cassettes may be erased in the standard SV90. The cassette carriers vary only in size, therefore the method of adaptation and operation is identical in each case.

CAUTION: DO NOT USED DAMAGED CASSETTE CARRIERS IN THE DEGAUSSER

4.2.1 Cassette Carrier Fitting Procedure

- Slide open the drawer.
- Remove the standard NAB hub clamping ring from the turntable.
- Lower the cassette carrier onto the turntable, turn the knurled nut ensuring it engages the thread on the fixing stud.
- Tighten the nut making sure that the 'U' section of the carrier correctly locates on the turntable.

4.2.2 Cassette Erasure Procedure

The cassette carriages carry either 2 or 4 cassettes. Locate one end of the cassette in the carriage and pull the spring latch at the other end to allow the cassette to enter. The cassette should be placed the correct way up, i.e. with the cassette window uppermost.

Ensure that the spring latch is correctly positioned on the cassette ensuring it is constrained from any movement. Close the drawer and push it firmly shut. Degaussing of the cassette is then carried out using the standard procedure.

SECTION 5: SERVICING

The equipment is protected by two fuses which are located at the rear of the unit, as detailed below:

	Larger Fuse	Smaller Fuse
ZZ009013, 208v 60Hz	20 amp antisurge	2 amp quick blow

To replace either fuse rotate the cap in an anticlockwise direction and remove cap and fuse. Renew fuse and replace cap into holder and tighten in a clockwise direction.

In the event of any failure not being resolved by replacement of the fuses the unit should be returned to **VS SECURITY PRODUCTS** for repair.

ANY REPAIR WORK OTHER THAN THAT STATED ABOVE WHICH INVOLVES THE REMOVAL OF THE EQUIPMENT COVER WILL RENDER THE WARRANTY NULL AND VOID.



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