

Erases:

VHS, DAT, DLT I-IV,
SLDT I, LTO, DCT,
8mm, AME, SVHS,
DVCAM, Beta SP
DVC Pro, 3480,
3490, 3590,
Digital Beta, D1,
D2, D3, D5
Audio Cassettes
DC 300, 600, 2000
and more...



Continuous Duty

Continuous operation for 3480/3490, VHS, diskettes and audio cassettes without overheating.

Single Pass Erasure of 3480/3490 and VHS

Strong horizontal and vertical degaussing fields produced by two degaussing coils, eliminate the need to manually rotate or make a second pass when erasing VHS tape.

Metal Particle Tape Erasure - SDLT, LTO, 3590

Enhanced degaussing coils allow complete erasure of metal particle tapes including: SDLT, 8mm, and 3590's.

Automatic Thermal Protection

Built in temperature sensors monitor the status of the degaussing coils and automatically turn the magnetic field and conveyor belt off should normal operating temperatures be exceeded.

Adjustable Belt Speed

Variable speed control allows the user to adjust the conveyor belt speed up or down.

Optional Feed Hopper (FH-4)

Automatically loads cassettes onto the CDS-2500A.

Optional Magnetic Shield (MS-25)

Reduces the magnetic field surrounding the degausser and fully encloses the degaussing station.

Description & Operation

The CDS-2500A Degausser is designed to erase all formats of tapes that are less than 6 inches in width. The degaussing field strength switch provides the option to change between high and low field strengths. It is like having two degaussers in one. On low, the CDS-2500A is a continuous duty degausser capable of degaussing over 90 3480/3490 tapes per minute without overheating. On high, the CDS-2500A is a high energy degausser capable of erasing the newest metal tape formats of up to 2400 oersteds including DVCPro, DVCam and DLT IV.

To start erasing, simply press the "On" button and place your tape on the conveyor belt. The conveyor belt will transport the media through the strong horizontal and vertical degaussing fields produced by two degaussing coils placed at 90 degrees from each other ("V" coil design). For added convenience, the conveyor belt speed can be easily adjusted up to 60 feet per minute. At this rate, the CDS-2500A will erase more than 90 VHS tapes per minute. For more efficiency, add the optional FH-4 feed hopper. The FH-4 feed hopper will automatically place a tape onto the CDS-2500A from a stack of tapes that have been loaded into the FH-4 feed hopper.

Degaussing Coils:

For long-lasting performance, the degaussing coils are vacuum dipped and baked. The vacuum process draws the air out of the coil allowing the potting compound to coat each winding of the coil. The coil is then baked "rock hard" to eliminate the vibrations that could eventually lead to shorts in the windings of the coil. In addition, two thermal detection units have been wound into each coil to ensure that the operating temperature is safely maintained. When in operation, the coils are cooled by a trans ow blower which is automatically turned on and off by the signals being sent from the thermal

CDS-2500A Degausser Options and Specifications

MS-25 Magnetic Shield Option:

For customers requiring an enclosed degaussing station, we have designed a magnetic shield that completely encloses the conveyor belt and magnetic fields. The MS-25 magnetic shield option reduces the magnetic field surrounding the degausser below the threshold limit values specified by the American Conference of Governmental Industrial Hygienists (ACGIH).

To assist with the loading and unloading of media, we have developed an Input Slide (IS-CDS), Output Slide (OS-CDS) and Feed Hopper (FH-4) which allows automatic feeding of tapes onto the CDS-2500A.



Shown with the FH-4, MS-25 and OS-CDS options.

FH-4 Feed Hopper Option:

The Garner model FH-4 is an automatic cassette feed hopper that attaches to the Garner CDS-2500A degausser. This low cost option dramatically increases the speed and simplicity of erasing large quantities of tape. While the FH-4 was originally designed for VHS cassettes, the FH-4 can be adjusted to fit many other formats as well.

The FH-4 is easy to use. Simply place the tapes in the hopper (up to 16 VHS tapes high), even while the degausser is operating. No need to carefully load the hopper, the hopper will self-align the tapes as it operates. The FH-4 will accept tapes as fast as you can load it. Using the FH-4 with the CDS-2500A degausser is the easiest way to continuously degauss over **90 VHS tapes per minute**.

Made of stainless steel, the FH-4 is rugged, designed for continuous use, and is easily installed using existing hardware.



Shown with the FH-4 and OS-ICS options.

SPECIFICATIONS

Duty cycle:	Low - 100%, High - 50%
Tapes per minute:	90 - VHS, 45 - Metal Particle
Belt width:	6 inches (15.2 cm)
Belt speed:	Adj. up to 60 ft/min. (12 ips)
Field strength:	Low - 2500, High - 3700 Gauss
Power:	115 VAC, 50 or 60 Hz, 18A 230 VAC, 50 or 60 Hz, 9A
Weight:	Net - 129 lbs. (58.5 kg) Shipping - 169 lbs. (76.7 kg)
Dimensions:	36.5 x 16.5 x 6 in. (92.71 x 41.9 x 15.2 cm)

ORDERING INFORMATION

MODEL	POWER REQUIREMENTS
CDS-2500A	110-125 VAC 60 Hz
CDS-2500AX	110-125 VAC 50 Hz
CDS-2500AH	208-240 VAC 60 Hz
CDS-2500AHX	208-240 VAC 50 Hz
CDS-2500AJX	100 VAC, 50 Hz
CDS-2500AJHX	200 VAC, 50 Hz
OPTIONS	DESCRIPTION
EW-2500	Extends standard warranty by one year
FH-4	Feed Hopper
IS-CDS	Input Slide
OS-CDS	Output Slide
MS-25	Magnetic Shield



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