

V100

Continuous Duty, High Volume Conveyor Degausser



V100

Since the introduction of high coercivity metal tapes the need for a powerful degausser capable of erasing Betacam Digital/SP, MII, DAT and DVC Pro in high volume has become essential.

The V100 has been designed to meet the requirements of the high volume user. It is a conveyor unit, runs continuously and with one pass gives erasure figures in excess of 75dB on 1500 oersted tape.

With a throughput of over 10,000 cassettes per hour, and capable of handling all compact media from floppy discs to high energy cassettes, the V100 provides the user with probably the most efficient high energy degausser available.

Features:

- Continuous duty degausser
- Variable Speed Conveyor Belt
- Erases metal and oxide tapes
- Fast one-pass operation
- 24/7 Commercial Operation
- Bi-axis magnetic field operation



Who uses the V100 Degausser?

- IT Departments
- Broadcast/AV
- Data Storage & Backup
- CCTV

The V100 is manufactured by Verity Systems.

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With over 25 years of experience, Verity Systems is recognized as the world leading manufacturer of degaussers.

SPECIFICATIONS

Media Handling:	Floppy discs, 10 packs; cassettes – including Beta S; MIII; D2 S and M; R-Dat; 8mm VHS; VHS U-matic; Betacam; 3480; 3590, DC600; 1000; Audio Tapes; Beta SP; Digital Beta; VHS Digital; DVC Pro; Digital S, Super DLT I, II and III; Ultrium LT01, LT02 & LT03; DLT IV - VSL
Power Supply:	220 ~ 250v 50Hz / 208 – 220v 60Hz
Current Rating:	20 amps typical (50Hz) / 24 amps typical (60Hz)
Degaussing Force:	4000 peak gauss
Erasure Depth:	-75db on 1500 Oe tape -80dB on 750 Oe tape
Belt Speed:	Variable 0-17 ips
Belt Width:	6" (152mm)
Duty Cycle:	Continuous
Dimensions (WxHxD): (with lid shut)	44.5" x 9" x 20.5" 1130mm x 482mm x 520mm
Weight:	209lbs (95kg)
Throughput:	10,800 Beta SP cassettes per hour typical
Controls:	On/Off Variable belt speed control
Indicators:	On/Off Erase field Coil power supply warning light
Options:	Electronic sensor: for conveyor belt/magnetic field control Remote socket: Allows for remote operation of all functions from an alternative control panel Magnetic field switch: Allows the magnetic field to be independently controlled.
Warranty:	12 months back to base, all parts & labor included Extended warranties also available

What is Degaussing?

A degausser is a fast, efficient way to remove all audio, video and data signals from magnetic storage media.

The process of degaussing is achieved by passing magnetic media through a powerful magnetic field to rearrange the polarity of the particles, thus completely removing any resemblance of the previously recorded signal.

Why is Degaussing Important?

In the manufacture of magnetic media one of the last production processes is for all magnetic media to be degaussed. This ensures that all the particles are orientated completely at random leaving the media free of any spurious

By degaussing magnetic media before re-using you are returning it to its original condition with all the particles orientated at random.

Who Needs a Degausser?

Anybody who uses magnetic media will benefit from the use of a degausser.

Broadcast and manufacturing industries have been using degaussers for many years but this does not exclude them from being potential customers

As they strive for better recording quality and better packing densities new higher energy recording formats are introduced and more powerful degaussers are needed to erase these new formats.

The computer and security industry is the biggest growth area, reducing media overheads, security of information are areas benefiting the computer user.